## FIRMS SECTION ONE

# DIRECTORS AND EXECUTIVES

**ACE RADIO LIMITED**
Tower Works, Tower Road, N.W.10. Phone: Willesden 3902–5.
"Ace" Domestic radio and television receivers, radiograms and radiogram-television combinations.
*Directors:* V. Taylor (sen.) (Managing).
E. E. Taylor (Mrs.) (Accounts).
Victor Taylor (jun.), M.S.I.A. (Design).
*General Manager:* Mrs. E. E. Taylor.
*Sales Manager:* Cyril W. Fulcher.
*Buyer:* R. O. Philips.
*Works Manager:* S. F. Seymour.
*Chief Engineer:* J. C. Best.

**ACOUSTICAL MANUFACTURING CO. LTD.**
St. Peter's Road, Huntingdon, Hunts. Phone: Huntingdon 361.
Makers of "Quad" Amplifiers (High Quality Sound Reproduction and Radiogram Amplifiers), "Corner Ribbon" Loudspeakers; other Electro Equipment.
*Directors:* P. J. Walker.
J. E. Walker.
*General Manager:* J. H. Walker.

**ADVANCE COMPONENTS LTD.**
Back Road, Shernhall Street, Walthamstow, E.17. Phone: Larkswood 4366–7–8.
Manufacturers of "Advance" Signal generators; "Advolt" Constant Voltage Transformers; "Volstat" Constant Voltage Devices.
*Directors:* A. W. Stapleton (Managing).
B. Tag.
C. H. Stapleton.
E. Benzimra.
*General Manager:* J. H. Head.
*Sales Manager:* V. R. Moore.
*Buyer:* S. G. Sitton.
*Chief Engineer:* K. A. Braybrooks.

**AERIALITE LIMITED**
Castle Works, Stalybridge, Cheshire. Phone: Stalybridge 2223.
Makers of "Aerialite" TV, Radio, Car Aerials, and Accessories, High Frequency Cables.
*Directors:* L. S. Hargreaves, M.S.M.A.
H. V. F. Hargreaves.
F. G. Hargreaves, M.Inst., B.E.
O. E. Trivett, A.M.I.E.E., M.Brit.I.R.E.
*Sales Manager:* L. Smith.
*Buyer:* S. T. Bradbury.

**AIRMEC LIMITED**
High Wycombe, Bucks. Phone: High Wycombe 2060.
Telecommunication and Electronic Engineers.
*Directors:* A. P. G. Walters (Chairman).
S. P. Cherrington.
J. C. Simmonds, M.Sc.(Eng.), Ph.D., M.I.E.E., A.M.I.Mech.E.
*General Manager:* Dr. J. C. Simmonds.
*Sales Manager:* P. B. Ades.
*Buyer:* G. Edwards.

**ALLEN COMPONENTS LTD.**
"Crown" Works, 197 Lower Richmond Road, Richmond, Surrey. Phone: Prospect 9013.
Radio and television component manufacturers.
*Directors:* V. Taylor.
G. D. Gilbert.
L. Leeson (Technical).
*General Manager:* G. D. Gilbert.
*Sales Manager:* M. Millar.
*Buyer:* R. Carter.

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**AMBASSADOR RADIO & TELEVISION**
Princess Works, Brighouse, Yorks. Phone: Brighouse 1280–3
Manufacturers of "Ambassador" Radio and Television Receivers.
*Directors:* R. N. Fitton.
R. S. Fitton.
*Sales Manager:* R. Taylor.
*Buyer:* E. Barker.
*Chief Engineer:* T. C. Isaac.
*Works Manager:* T. Atkinson.

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**ANTIFERENCE LTD.**
London Office: 67 Bryanston Street, W.1. Phone: Paddington 7254.
Main Factory: Bicester Road, Aylesbury, Bucks. Phone: Aylesbury 1468.
Manufacturing Television and Radio Engineers.
*Directors:* N. M. Best.
Mrs. G. V. Best.
*General Manager:* J. W. Woods.
*Sales Manager:* G. J. Glaser.
*Buyer:* E. W. Norton.
*Secretary:* R. R. Glaser.
*Works Manager:* H. M. Smith.
*Asst. Works Manager:* K. B. Isbister.

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**ARGOSY RADIOVISION LIMITED**
Argosy Works, Hertford Road, Barking, Essex. Phone: Ripleway 1081–5.
Makers of "Argosy" Television Receivers, 3-speed Radio-autograms.
*Directors:* E. St. P. Iddon.
P. Iddon.
M. A. Iddon.
*General Manager:* F. J. Messum.
*Sales Director:* P. Iddon.
*Buyer:* H. R. Millwood.
*Chief Technician:* J. A. Reid.
*Despatch Manager:* R. W. O. Edmonds.

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**ASSOCIATED BROADCASTING DEVELOPMENT COMPANY LTD.**
25 Catherine Street, Aldwych, London E.C.2. Phone: Temple Bar 5116.
Engaged in the technical and programme development of television and sound radio throughout the world, including the eventual provision of services for this country as envisaged by the Government's White Paper on broadcasting.
*Directors:* Sir Alexander Aikman, C.I.E.
Norman Collins.
Viscount Duncannon.
Sir Alexander Korda.
Sir Robert Renwick, Bart., K.B.E.
C. O. Stanley, C.B.E.
*Secretary:* A. S. Cade, A.C.A.

## ASSOCIATED ELECTRONIC ENGS. LTD.

Dalston Gardens, Stanmore, Middlesex. Phone: Wordsworth 4474–5–6.
Power and Audio Frequency Transformers, L.F. Choke, A.F. Amplifiers and Test Equipment.
*Directors:* J. Walkinshaw.
G. H. Gray.
J. A. Wretham.
H. C. Westcott (U.S.A.).
*General Manager:* J. Walkinshaw.
*Sales Manager:* G. H. Gray.
*Buyer:* G. H. Gray.

## BAIRD TELEVISION LTD.

Lancelot Road, Wembley, Middx. Phone: Wembley 6191.
Manufacturers of "Baird" Television and Radio receivers, and tape recorders.
*Directors:* Lieut.-Gen. Sir Charles J. S. King, K.B.E., C.B., M.I.C.E. (Chairman).
L. F. Odell, O.B.E. (Managing).
W. D. Cussen.
J. F. C. Dugdale.
P. Phillips, F.A.C.C.A., F.C.I.S.
*Commercial Manager:* J. R. Hawkes.
*Buyer:* W. G. Galbraith.

## A. J. BALCOMBE LIMITED

52–58 Tabernacle Street, E.C.2. Phone: Clerkenwell 1322.
Makers of "Alba" receivers.
*Directors:* E. K. Balcombe.
J. Golding.
A. J. Balcombe.
J. P. Balcombe.
D. A. Kempner.
*Sales Manager:* E. S. Woolf.
*Buyer:* J. Tabor.

## BELCHER (RADIO SERVICES) LTD.

57 Windsor Road, Slough, Bucks. Phone: Slough 24501.
"Direx," "Triflex," "Quadrex," "Bowstring" television receiving aerial equipment.
*Directors:* E. C. Howell, A.M.Brit.I.R.E., A.I.E.E. (Managing).
N. A. Green.
F. Johnson.
E. W. Trimby.
*Administration Manager:* D. Counsell Davis.
*Sales Managers:* Northern—J. Davies.
Southern—W. J. Wyse, Assoc.Brit.I.R.E.
*Buyer:* J. J. Goodes.
*Chief Engineer:* J. A. Gay, Assoc.Brit.I.R.E.

## BELLING AND LEE LIMITED

Great Cambridge Road, Enfield, Middlesex. Phone: Enfield 3322.
Manufacturers of Radio and Electronic Components and Accessories.
*Directors:* C. R. Belling, M.I.E.E. (Joint Managing).
E. M. Lee, B.Sc., M.I.E.E., M.Brit.I.R.E. (Joint Managing).
Miss A. Cooke, M.B.E. (Executive Director, Secretary, and Deputy General Manager).
N. Dundas Bryce (Executive Director and Sales Development Manager).
E. A. Taylor (Executive Director and Commercial Sales Manager).
*Technical Manager:* F. R. W. Strafford, M.I.E.E.
*General Works Manager:* R. G. Benham.
*Buyer:* Miss I. A. Punnett.

**BIRMINGHAM SOUND REPRODUCERS LTD.**

Claremont Works, Old Hill, Staffs. Phone: Cradley Heath 6212–3.

Manufacturers of gramophone units; "Monarch" 3-speed record changers; "Regent" 3-speed gramophone units.

*Directors:* D. M. McDonald.
K. F. Moseley.
W. M. McDonald.
P. V. Shephard.
*Sales Manager:* K. F. Moseley.

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**THE BRITISH ELECTRIC RESISTANCE CO. LTD.**

Queensway, Ponders End, Middx. Phone: Howard 1492.

Manufacturers of "Berco" Resistances and Rheostats; "Regavolt" Infinitely Variable Transformers; "Bercostat" Power Rotary Toroidal Wound Rheostats.

*Directors:* H. Paul-Huhne (Managing).
E. Hatton Miller, C.R.A.
F. N. Phipps, F.C.A.
H. T. Hancock.
*General Manager:* H. T. Hancock.
*Sales Manager:* L. A. Newnham, A.M.I.E.E.
*Buyer:* R. E. Alsford.

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**BRITISH INSULATED CALLENDER'S CABLES LTD.**

Head Office: Norfolk House, Strand, W.C.2. Phone: Temple Bar 7722.

Manufacturers of cables of all types.

*Directors:* Sir Alexander Roger, K.C.I.E. (Chairman).
W. H. McFadzean, C.A. (Chief Executive and Deputy Chairman).
D. W. Aldridge, M.C., M.I.E.E.
Dr. L. G. Brazier, Ph.D., B.Sc., M.I.E.E., F.A.I.E.E., A.F.R.Ae.S.
R. J. Hall, J.P.
W. C. Handley, B.Sc., M.I.E.E.
W. G. Hendrey, M.I.E.E.
P. V. Hunter, C.B.E., Hon. M.I.E.E.
T. H. Martin-Harvey, A.M.I.E.E.
Rt. Hon. Lord Ramsden, O.B.E., J.P.
Lieut.-Gen. Sir Ronald M. SCOBIE, K.B.E., C.B., M.C.
H. J. Stone, M.C., M.I.E.E.
F. Waine, J.P.

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**BRITISH RADIO & TELEVISION (PUBLISHERS) LTD.**

92 Fleet Street, London E.C.4. Phone: Central 4100.

Publishers of British Radio & Television Monthly Technical Trade Journal.

*Directors:* V. Brodzky (Managing).
R. C. Cornwall (Advertisement).
D. McIlwain (Editor).
*Advertisement Manager:* R. C. Cornwall.
*Secretary:* J. B. Harvey, A.I.A.C.

**BRITISH RELAY WIRELESS AND TELEVISION LTD.**
Giltspur House, Giltspur Street, E.C.1.
Phone: City 3280.

B.R.W. Relay Four—programme radio relay. B.R.W. Service Television relay and Relaygrams and Set renting services.

*Directors:* Sir Robert Renwick, Bt., K.B.E. (Chairman).
Graham H. Martin (Managing Director).
V. Cavendish-Bentinck, C.M.G.
F. B. Duncan.
P. J. A. Lachelin.
C. O. Stanley, C.B.E.

*Secretary:* J. N. Caws, A.C.A.
*Commercial Manager:* Barry R. King.
*Chief Engineer:* K. A. Russell, B.SC., A.M.I.E.E.
*Publicity and Sales Manager:* F. Vincent Bennett.

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**T. B. BROWNE LTD.**
117 Piccadilly, London W.1.
Phone: Central 9291.

Advertising Agents who handle Commercial Radio Programmes.

*Directors:* Lt.-Col. T. B. Browne, O.B.E. (Chairman).
Ronald B. Browne, F.I.P.A. (Joint Managing).
Claude H. Browne, F.I.P.A. (Joint Managing).
George. M. Castle.

*Head of Radio Dept.:* John B. Browne.
*Account Executives:* W. E. Hopkinson.
D. S. Henderson.
F. P. Vickers.

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**A. F. BULGIN & CO. LTD.**
Bye Pass Road, Barking, Essex.
Phone: Rippleway 3474.

Manufacturers of all electric, electronic, radio and telecommunications components.

*Directors:* A. F. Bulgin, M.B.E., M.I.R.E.
R. C. Bulgin.
L. W. Sansum.
H. T. Stott (Technical).
S. E. Bulgin.

*General Manager and Secretary:* L. W. Sansum.
*Sales Manager:* S. J. Bulgin.
*Buyer:* R. C. Bulgin.

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**BULLERS LIMITED**
6 Laurence Pountney Hill, Cannon Street, E.C.4.
Phone: Mansion House 9971.

Makers of Frequelex and Permalex Ceramics.

*Directors:* G. H. Harris.
N. E. P. H. Harris.
J. E. Harris.
F. W. Chambers.

*General Manager:* G. H. Harris.
*Sales Manager:* J. A. Dagnall.

**BUSH RADIO LTD.**

Power Road, Chiswick, W.4. Phone: Chiswick 6491–9.

"Bush" radio and television receivers, and radiogramophones.

*Directors:* J. Arthur Rank, J.P. (Chairman).
G. Darnley Smith (Managing).
C. C. Moore (Assistant Managing Director and Joint Secretary).
John Davis.
Mark Ostrer.
H. C. Baker (Sales Director).
W. T. Deuchrass (Works Director).
W. H. Harrison (Technical Director).
G. P. Wickham Legg (Publicity Director).

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**CINEMA-TELEVISION LTD.**

Worsley Bridge Road, Lower Sydenham, London S.E.26. Phone: HITher Green 4600.

Manufacturers of "Cintel" electronic instruments and equipment; "Cathovisor" cathode ray tubes.

*Directors:* J. Arthur Rank, J.P.
G. Darnley Smith.
John Davis.
C. C. Moore.
Mark Ostrer.

*Sales Manager:* M. J. Prince.
*Buyer:* B. Clapp.
*Chief Engineer:* T. M. C. Lance.
*Publicity Manager:* J. H Etheridge.
*Production Manager:* E. W. C. Wilder.

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**H. CLARKE & CO (MANCHESTER) LTD.**

Atlas Works, Legh Street, Patricroft, Manchester. Phone: Eccles 2001–5.

Makers of "Pirtoid" Synthetic Resin Bonded Laminated Sheets, Rods, Tubes, and Fabrications. "Atlas" Battery Charges, Eliminators, Transformer Bobbins.

*Directors:* H. Clarke (Managing).
A. Clarke.
E. Clarke.

*General Manager:* A. Clarke.
*Sales Manager:* S. G. Bescoby.
*Buyer:* E. Taylor, A.M.P.O.A.

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**COASTAL RADIO LTD.**

Radio Works, Hope Crescent, Edinburgh 7. Phone: Edinburgh 26224.

Manufacturers of "Coastal" marine radio telephones and Direction Finders.

*Directors:* A. Redpath.
W. B. Redpath.
J. B. Inglis.
Sir R. Erskine-Hill.

*Works Manager:* A. Gardner.
*Sales Manager (Marine):* D. C. Jackson.

**E. K. COLE LTD.**
Ekco Works, Priory Crescent, Southend-on-Sea, Essex. Phone: Southend 49491.
Manufacturers of radio, television electronics, plastics, car radio, etc.
*Directors:* E. K. Cole (Chairman and Managing).
N. C. Robertson, M.B.E. (Deputy Managing).
E. R. Pring.
D. W. Pritchard.
F. S. Allen.
J. Corbishley.
A. W. Martin.
*Secretary:* E. B. Willcocks.
*Executive Directors:* G. W. Godfrey.
D. Radford.
W. M. York.

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**COLUMBIA GRAPHOPHONE CO. LTD., THE**
See Electric & Musical Industries Ltd.

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**COLVERN LIMITED**
Mawneys Road, Romford, Essex. Phone: Romford 8881–2–3–4
Makers of Colvern Wirewound Potentiometers and Variable Resistors.
*Directors:* H. A. Collinson.
R. F. Collinson.
F. E. Collinson.
*General Manager:* H. J. Mildren, M.B.E.
*Sales Manager:* R. H. Cramp.
*Buyer:* F. C. Leach.
*Works Manager:* H. E. Forrester.

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**CONNOLLYS (BLACKLEY) LIMITED**
Blackley, Manchester 9. Phone: Cheetham Hill 1801.
Makers of Co-Nambond Conyclad, Conglass Conylitz, Conybond Conymel and Conycote Conysil Insulated Electric Winding Wires.
*Directors:* W. Travis, M.I.E.E. (Chairman).
W. Bishop, C.B.E.
W. C. Handley, B.SC., M.I.E.E.
W. Horrocks (Secretary).
P. V. Hunter, C.B.E., Hon. M.I.E.E.
T. H. Martin-Harvey, A.M.I.E.E.
J. C. Moston (General Manager).
G. F. Travis (Sales Manager).

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**COSMOCORD LIMITED**
700 Great Cambridge Road, Enfield, Middlesex. Phone: Enfield 4022.
Radio and Electric Component Manufacturers.
*Directors:* A. Schumann (Managing).
N. J. Stevens.
*General Manager:* A. H. Greasley.
*Sales Manager:* T. H. White.

**A. C. COSSOR LTD.**
Cossor House, Highbury Grove, London N.5. Phone: Canonbury 1234.
Makers of "Melody Maker" radio sets; "Tele-Check" Instruments.

*Directors:* Lord Burghley, K.C.M.G., LL.D. (Chairman).
J. S. Clark (Joint Managing).
H. Chisholm (Joint Managing).
*Sales Manager:* H. C. Roberts.
*Buyer:* C. H. Smith.
*Secretary:* N. Sadler.
*Financial:* H. T. Shepherd.
*Works Manager:* S. H. Lines.
*Export Manager:* H. Field.
*Director of Research:* B. C. Fleming-Williams.
*Chief Engineer:* K. I. Jones.

**W. S. CRAWFORD LTD.**
233 High Holborn, London W.C.1. Phone: Holborn 4381.
Advertising Agents, who handle Commercial Radio Programmes.
*Chairman and Managing Director:* Hubert Oughton.
*Head of Radio Department:* Allan Blomfield.

**CREATORS LTD.**
King's Road, New Haw, Weybridge. Phone: Byfleet 2241–3

All types of products in plastics, including steel spring reinforced P.V.C. Hose, P.V.C. Sleeving for radio and electrical work, Injection Mouldings, Extrusions, Tool Covering, etc.

*Directors:* A. C. Anselm.
J. E. Anselm.
L. J. Anselm.
*General Manager:* C. A. Stokes.
*Sales Manager:* Peter J. Garrini.
*Buyer:* R. Hussey.
*Accountant:* H. E. Barton.

**CRYSTALATE LIMITED**
Crystalate House, Mill Lane, Tonbridge, Kent. Phone: Tonbridge 2261.
Manufacturers of Mouldings in synthetic Resins and other Plastics.

*Directors:* J. Lesser (Chairman and Managing).
R. L. A. B. Morton, O.B.E.
H. S. Chittick, M.A.
*Sales Manager:* E. E. Wood.
*Secretary:* F. G. Bell, F.C.C.S.

**DALY (CONDENSERS) LTD.**
West Lodge Works, The Green, Ealing, London W.5. Phone: Ealing 3127–8–9.
Makers of "Daly" Electrolytic condensers.

*Directors:* H. C. Daly.
P. B. Renshaw.
*General Manager:* P. B. Renshaw.
*Buyer:* M. Bosc.

**DECCA RECORD COMPANY LTD., THE**

1 and 3 Brixton Road, Stockwell, London S.W.9. Phone: Reliance 8811.

Manufacturers of Radio and Television Sets.

*Directors:* Sir Cyril F. Entwistle, Q.C., M.C., LL.B. (Chairman).
E. R. Lewis.
J. Gray.
H. F. Schwarz.
*Secretary:* A. H. H. Masterton, C.A.

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**"DIAMOND H" SWITCHES LTD.**

Gunnersbury Avenue, Chiswick, W.4. Phone: Chiswick 6444–8.

"Diamond H" Toggle, Rotary and Special Purpose Switches and Heat Control Devices.

*Directors:* C. A. Turner (Managing).
E. J. Harris.
G. H. Hart.
*Sales Manager:* F. A. Honess.
*Buyer:* D. A. Brown.
*Chief Designer:* G. H. Walton.
*Development and Designs:* N. J. Baker.

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**DUBILIER CONDENSER COMPANY (1925) LIMITED**

Ducon Works, Victoria Road, N. Acton, London W.3. Phone: Acorn 2241

"Dubilier" Capacitors and Resistors.

*Directors:* W. H. Goodman (Chairman).
F. H. McCrea (Managing).
J. Goodman (Deputy Managing).
P. R. Coursey, B.SC., M.I.E.E. (Technical).
J. H. Cotton, M.B.E. (Works).
C. L. Fraser.
*Buyer:* C. M. Stevens.
*Secretary:* F. W. Hollings.
*Chief Engineer:* A. E. Bennett.
*Technical Sales Executive:* H. Andrewes, O.B.E., M.I.E.E., B.SC., A.C.G.I.
*Sales Executive (Radio Division):* A. E. Trehearne.
*Production Control Manager:* F. Berger.

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**DU BOIS CO. LTD., THE**

15 Britannia Street, London W.C.1. Phone: Terminus 6624–5.

Manufacturers of "33" Tri-Sol (Resin-cored Solder).

*Directors:* C. G. Cumpston.
D. H. Levett.
*General Manager and Sales Manager (Solder Division):* L. C. France.

### DURATUBE & WIRE LIMITED

Faggs Road, Feltham, Middlesex. Phone: Feltham 3453.

Makers of Plastic Insulated Wires and Cables; Plastic Tubing and Profiles; "Durawires;" "Duracables"; "Duratube."

*Directors:* Reginald Garforth Cooke, LL.M., B.A. (Chairman).
A. William Marshall Hartley (Managing).
Charles Odescalchi (General Manager).
*Sales Manager:* D. R. Smith.
*Buyer:* R. W. Winkworth.
*Secretary and Chief Accountant:* J. W. McFetridge, F.C.I.S., F.C.C.S.
*Works Manager:* H. Edwards.
*Production Manager:* R. Dickinson.
*Chief Engineer:* G. Veit.
*Chief Chemist:* Dr. F. S. Breur.
*Accountant:* R. Nicole.

### DYNATRON RADIO LTD.

"The Firs," Castle Hill, Maidenhead, Berks. Phone: Maidenhead 3811–3.

Manufacturers of "Dynatron" Radiogramophones; Radio, Electronic and Nucleonic Instruments.

*Directors:* R. H. Hacker, M.B.E. (Managing).
A. G. Hacker (Chief Engineer).
*Secretary:* C. A. Haydon.
*Sales Manager:* E. F. Archer.
*Buyer:* B. F. Johnson.

### ELECTRIC AND MUSICAL INDUSTRIES LTD.

Hayes, Middlesex. Phone: Southall 2468.

Manufacturers of radio and television transmitting and receiving equipment, cathode ray tubes, photocells, electronic instruments, sound recording and reproducing equipment, magnetic recording tape, high frequency heating equipment, domestic electrical appliances, etc.

*Directors:* Sir Alexander Aikman, C.I.E. (Chairman).
L. J. Brown, A.S.A.A. (Managing).
The Right Hon. Lord Brabazon of Tara, G.B.E., M.C., P.C.
F. R. M. De Paula, C.B.E., F.C.A.
Sir Edward De Stein.
Ralph Gordon-Smith.
*Secretary:* S. T. Gibbons.
*Comptroller:* R. Dawes.

PRINCIPAL EXECUTIVES:

*Director*, E.M.I. Engineering Development Ltd.: C. S. Agate, O.B.E., B.SC. (Lond), A.R.C.SC., M.I.E.E., F.R.S.A.
*Managing Director*, E.M.I. Research Laboratories Ltd., Emitron Television Ltd.: G. E. Condliffe, O.B.E., B.SC., M.I.E.E.
*Managing Director*, E.M.I. Sales and Service Ltd.: E. J. Emery, M.I.R.E., M.Brit.I.R.E.
*Managing Director*, E.M.I. Engineering Development Ltd.: C. Metcalfe, A.M.I.P.E.
*Managing Director*, E.M.I. Studios Ltd.: B. E. G. Mittell, M.I.E.E.
*Sales Director*, E.M.I. Sales and Service Ltd.: F. W. Perks.
*Director*, E.M.I. Research Laboratories Ltd.: I. Schoenberg, M.I.E.E.
*Managing Director*, E.M.I. Factories Ltd.: J. B. Stevenson, M.B.E., M.I.P.E.
*Principal and Managing Director*, E.M.I. Institutes Ltd.: Professor H. F. Trewman, M.A. (Cantab), M.I.E.E., M.I.Mech.E., M.Brit.I.R.E.
*Managing Director*, Electronic Tubes Ltd.: B. Wilkinson, B.E., A.M.I.E. (Aust), A.I.M.E.

L. F. Broadway, PH.D., B.SC., A.M.I.E.E.
J. E. I. Cairns, PH.D., M.SC., A.M.I.E.E., A.Inst.P.
J. Collard, PH.D., M.I.E.E., A.C.G.I.
E. C. Cork, B.SC.(Eng.), M.I.E.E.
H. G. Lubszynski, Dr.Ing., F.Inst.P.
J. D. McGee, PH.D., M.SC., A.M.I.E.E., O.B.E.

Members of the original research team, who, working under G. E. Condliffe, produced the Emitron Television System as used by the B.B.C. since 1936. They are all senior scientists on the staff of E.M.I. Research Laboratories Ltd.

E. L. C. White, PH.D., M.A. (Cantab), M.I.E.E.

**ELECTRO ACOUSTIC INDUSTRIES LIMITED**

Stamford Works, Broad Lane, Tottenham, London N.15. Phone: Stamford Hill 5606.
Manufacturers of radio components and loudspeakers, etc.

*Directors:* E. H. Stoner (Managing).
G. A. Barden (Technical).
L. R. Wragg (Works).
*Sales Manager:* Mr. Buckley.
*Buyer:* Mr. Harrison.
*Export Manager:* Miss Garlick.
*Chief Engineer:* Mr. Weeks.

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**ELECTROTHERMAL ENGINEERING LIMITED**

270 Neville Road, Forest Gate, London E.7. Phone: Grangewood 0055.
Makers of "Electrothermal" resistance cords, valve retainers, thermal compensators, switches, testing equipment. "Precistor" high stability resistor wire-wound .01 per cent stability.

*Directors:* H. H. Goldstaub, A.M.I.E.E.
H. Goldstaub.
*General Manager:* F. Bull, M.S.M.A.
*Sales Manager:* D. Plumbe.
*Buyer:* W. Fox.
*Works Manager:* J. R. McNally.

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**ELLIOTT BROTHERS (LONDON) LTD.**

Century Works, Lewisham, London S.E.13. Phone: Tideway 3232.
Manufacturers of electrical measuring instruments, industrial process control instruments, electronic instruments, and aviation instruments.

*Managing Director:* L. Bagrit.
*General Manager:* Dr. L. L. Ross.
*Sales Managers:*
- Electrical Measuring Instruments: H. E. Fleetham.
- Electronic Instruments: W. P. Rowley.
- Steam Raising Equipment: J. H. Whitaker.
- Heat Treatment and Metallurgy Instruments: J. Illingworth.
- Chemical and Oil Plant Instruments: W. Barker.
- Aviation Instruments: E. G. Monk.

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**ENGLISH ELECTRIC CO. LTD. (Television Department)**

Queen's House, Kingsway, W.C.2. Phone: Holborn 6966.
Manufacturers of English Electric Television Receivers.

*Sales Manager* (Television Department): D. C. Spink.
*Publicity Manager:* C. T. M. Bagnall.

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**ENTHOVEN SOLDERS LIMITED**

Enthoven House, 89 Upper Thames Street, E.C.4. Phone: Mansion House 4533.
Manufacturers of solders in all forms. "Superspeed" and "Actol" cored solders, "Tricene" and "Telecene" soldering fluids, solder pre-forms.

*Directors:* A. Trébucq.
Keith L. Cobb.
W. J. Myers.
*Sales Manager:* F. C. Thompson.
*Buyer:* T. J. Duke.

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**ERG INDUSTRIAL CORPORATION LIMITED**

10 Portman Square, London W.1. Phone: Welbeck 8114.
Manufacturers of radio and electronic components; contractors for Marine/Aircraft equipment.

*Directors:* H. L. Alexander, S. F. Baldry, A. L. Solomon — Joint Managing.
*Research and Development:* J. A. Alexander, M.SC., D.Phil., A.R.I.C.

**THE EVER READY CO. (GREAT BRITAIN) LTD.**
Hercules Place, Holloway, London N.7. Phone: Archway 3030.
Manufacturers of "Ever Ready" radio receivers, electric dry batteries, torches, lamps, bulbs, toys, and novelties for dry battery operation.
*Directors:* E. N. Rowbotham (Chairman).
W. H. Lawrenson.
R. H. Spettigue.
A. V. Perry.
F. W. Stevens.
W. A. R. Manning.
C. G. White.
*Joint General Managers:* C. H. Bayliss, W. S. Giles, L. W. Orchard.
*Buyer:* C. L. Ingram.
*Secretary:* H. L. Taylor, A.C.A.

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**FERGUSON RADIO CORPORATION LTD.**
A subsidiary of Thorn Electrical Industries Ltd. (q.v.).

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**FERRANTI LTD.**
Hollinwood, Lancashire. Phone: Failsworth 2000.
Manufacturers of radio and television sets.
*Directors:* Sir Vincent Z. de Ferranti, M.C., M.I.E.E. (Chairman and Managing).
W. C. Pycroft, C.A. (Deputy Chairman).
Arthur Whittaker, F.C.A.
R. W. Cooper, O.B.E., M.C.
J. W. Davies, M.I.P.E.
W. A. G. Bass, B.SC., M.I.E.E:
A. B. Cooper, B.SC., M.I.E.E.
*Secretary:* James Clarke, A.C.I.S.

---

**FOOTE, CONE and BELDING LTD.**
27 Hill Street, Berkeley Square, London W.1. Phone: Mayfair 9181.
Advertising Agents, who handle commercial radio programmes.
*Directors:* B. F. MacCabe (Managing).
O. Ellefsen.
K. G. Taylor.
R. B. Insley.
W. A. C. Cooper.
R. M. Carpenter.
*Head of Radio and Television Department:* Godfrey Howard.

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**FRASER-WHITE ASSOCIATES LTD.**
233 Strand, London W.C.2. Phone: Central 8221.
Producers of radio programmes.
*Director:* A. Fraser White.

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**GARRARD ENGINEERING and MANUFACTURING CO. LTD.**
Newcastle Street, Swindon, Wiltshire. Phone: Swindon 2624–5–6.
Manufacturers of "Garrard" gramophone equipment.
*Directors:* H. V. Slade, O.B.E., J.P. (Chairman and Managing).
Sir Wm. A. Stanier, F.R.S., M.I.Mech.E.
Hector V. Slade, M.B.E., T.D., A.M.I.Mech.E. (Deputy Managing).
D. F. Brown.
*Buyer:* P. H. Sheppard.
*Secretary:* S. F. Carter.
*Technical Sales:* E. W. Mortimer.
*Sales:* W. J. Wright.
A. G. Sherman
A. C. Marshall } London Sales Office: 2–10 Wilson Street, London E.C.2.
G. F. Gadsdon

**G.B. EQUIPMENTS LTD.**
Mortimer House, 37–41 Mortimer Street, London W.1. Phone: Museum 5432.
Manufacturers of G.B. teleprojectors and G.B. telescreens.
*Directors:* J. Arthur Rank, J.P. (Chairman).
Ian Cremieu-Javal (Managing).
H. R. A. de Jonge.
T. A. Law.
Mark Ostrer.
*Sales Manager:* Frank Jessup.

---

**GENERAL ELECTRIC CO. LTD.**
Magnet House, Kingsway, W.C.2. Phone: Temple Bar 8000.
G.E.C. radio and television receivers; Osram valves and G.E.C. cathode ray tubes.
*Directors:* Sir Harry Railing (Chairman).
Leslie Gamage (Vice-Chairman).
T. W. Heather (Sales).
*Manager, Radio Dept.:* M. M. Macqueen.
*Manager, Osram Valve and Electronics Dept.:* G. A. Marriott.
*Publicity Manager:* M. R. Neville.

---

**GRAHAM and GILLIES LIMITED**
37 Golden Square, London W.1. Phone: Gerrard 9121.
Advertising Agents handling commercial radio programmes.
*Directors:* William M. Gillies (Chairman).
H. S. H. Wells (Managing).
Jean J. Potts.
*Head of Radio Dept.:* Mrs. Lesley O'Malley.

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**GRAMOPHONE CO. LTD., THE ("HIS MASTER'S VOICE")**
See Electric and Musical Industries Ltd.

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**GRESHAM TRANSFORMERS LTD.**
Twickenham Road, Hanworth, Middlesex. Phone: Feltham 2271.
Manufacturers of transformers.
*Directors:* J. P. Coleman, M.I.E.E.
J. A. Clegg, M.SC. (Eng).
C. S. Kent, C.B.E.
*Sales Manager:* J. W. Perkins, A.M.I.E.E.
*Buyer:* N. J. Slack, A.M.P.O.A.
*Special Representative:* N. W. Tatton.

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**HALLAM, SLEIGH, and CHESTON LIMITED**
Works: Bagot Street, Birmingham. Phone: Aston Cross 0914.
London Offices: 299 New King's Road, S.W.6. Phone: Renown 1601.
Makers of Widney-Dorlec cabinets.
*Directors:* A. S. Cheston.
B. Cheston.
E. C. Edmonds.
H. Whitehouse.
*General Manager:* A. D. Morris.
*Sales Manager:* C. H. Davis.
*Buyer:* P. Carter (Export Manager).

### HASSETT and HARPER LIMITED

60 Regent Place, Birmingham 1. Phone: Central 6418.

Makers of valve screens and retainers; coil cans, condenser clips and mountings, electronic instrument racks and cases.

*Directors:* J. B. Hassett (sen.) (Managing).
J. B. Hassett (jun.).
W. E. Harper.
*Sales Manager:* J. B. Hassett (jun.).
*Buyer:* W. J. Whitehouse.
*Technical Representative:* J. M. Verralls.

### HECTOR ROSS RADIO PRODUCTIONS LTD.

85 New Cavendish Street, London W.1. Phone: Langham 2941.

Producers of radio programmes.

*Directors:* Joseph E. Sturge.
C. F. M. Bailey-Watson.
Norton B. Whitney.
Frances Phillips.
*Producer:* C. F. Monty Bailey-Watson.
*Production Administration:* Stella Ashley.

### HELLERMANN LTD.

Tinsley Lane, Crawley, Sussex. Phone: Crawley 747–8–9.

Binding sleeves and cable markers, insulated sleeving, plastic mouldings and extrusions.

*Directors:* J. Bowthorpe (Managing).
A. G. C. Lloyd.
N. L. Keen.
M. L. Miller.
R. A. Parsons.
*Sales Director:* N. L. Keen.
*Buyer:* S. E. Downer.
*Works Manager:* H. R. Whyte, A.M.I.E.E., M.A.S.E.E.
*Manager of Plastics Division:* M. Bernheim.
*Chief Chemist:* Mr. McCombie, A.I.R.I.

### HIGH DEFINITION FILMS LTD.

25 Catherine Street, Aldwych, London W.C.2. Phone: Temple Bar 5116.

Engaged in the development and manufacture of precision electronic apparatus with electronic picture recording, and the making of films for television and theatrical release by electronic means.

*Directors:* Norman Collins (Chairman and Managing).
Viscount Duncannon (Executive).
T. C. Macnamara (Technical).
A. D. Peters (Production).
Sir Robert Renwick, Bart., K.B.E.
C. O. Stanley, C.B.E.
*Producers:* Desmond Davis and Eric Fawcett.
*Secretary:* A. S. Cade, A.C.A.

### HUDSON ELECTRONIC DEVICES LTD.

Appach Road, London S.W.2. Phone: Tulse Hill 4861.

"Hudson" V.H.F. radio telephone equipment.

*Directors:* A. D. Hudson, B.SC. (Managing).
H. S. Melly.

**A. H. HUNT (CAPACITORS) LIMITED**
Bendon Valley, S.W.18 (and Wrexham, Denbighshire). Phone: Battersea 1083.
Hunt's capacitors for all radio, electronic, and industrial electrical applications.
*Directors:* Sydney H. Brewell, M.B.E., M.I.P.E., F.Inst.D. (Chairman and Managing).
Frank S. Richmond, F.Inst.D. (Deputy Managing).
Philip R. Betts (Works).
Frederick C. Robinson, M.B.E., M.I.P.E., Assoc.I.E.E.
May Dixon Hunt.
Cecil Whiley.
*Sales Managers:* George O. Cox (Radio and Electronic Division).
Edgar A. Benwell (Industrial Division).
Richard C. W. Clarke (Contract Sales).
John Moor (Service Trade).
*Secretary:* Reginald J. Mack, B.Com., A.S.A.A.

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**ALFRED IMHOF LTD. (Subsidiary Company: IM Master Products Ltd.)**
112–116 New Oxford Street, W.C.1 Phone: Museum 7878.
Manufacturers of IM range of gramophone accessories: thorn needles, sharpeners, record storage racks, sapphire needles.
*Directors:* A. Godfrey Imhof (Managing).
Kathleen Imhof.
*General Manager and Director:* D. M. Sheil-Small.
*Secretary and Director:* L. G. Betts.
*Buyer:* A. M. Bosworth.

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**INVICTA RADIO LTD.**
Parkhurst Road, London N.7. Phone: North 3883.
Makers of "Invicta" radio and television receivers.
*Directors:* C. O. Stanley.
Mrs. L. A. M. Hodson (Managing).
C. A. Harmer.
R. M. A. Jones.
*General Manager:* J. C. Hodson.
*Sales Manager:* D. Biscoe.
*Buyer:* E. C. Knight.

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**JACKSON BROTHERS (LONDON) LTD.**
Kingsway, Waddon, Surrey. Phone: Croydon 2754.
Makers of J.B. variable capacitors and drives.
*Directors:* L. W. Fillmore.
Mrs. H. L. Fillmore.
*General Manager:* F. H. Chaston.

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**J. BEAM AERIALS LTD.**
Weedon Road Estate, Northampton. Phone: Northampton 1791.
Manufacturer of "J. Beam" television aerials.
*Directors:* F. W. Gunn.
J. S. Gunn.
C. C. Robinson.
B. Sykes.
*General Manager:* B. Sykes.
*Sales Manager:* C. C. Robinson.

**KOLSTER-BRANDES LIMITED**
Footscray, Sidcup, Kent.
Phone: Footscray 3333.

K-B radio and television receivers.

*Directors:* Sir Thomas G. Spencer (Chairman).
W. H. Mott.
A. McVie.
P. H. Spagnoletti.
J. R. Pheazey.
*General Manager:* P. H. Spagnoletti.
*Sales Manager:* L. R. Tyne.
*Purchasing Manager:* E. H. Deayton.
*Secretary:* C. D. Longhurst.
*Works Manager:* H. A. Barker.
*Chief Engineer:* E. P. Wethey.
*Publicity Manager:* R. Buckley.
*Personnel Manager:* W. J. Yeomans.

**THE LONDON ELECTRIC WIRE CO. and SMITHS LTD.**
24 Queen Anne's Gate, Westminster, S.W.1.
Phone: Whitehall 8671.

Lewcos insulated wires and strips.

*Directors:* W. J. Terry.
A. N. Smith.
E. Leete.
H. F. Smith.
E. L. Wildy.

**LONDON ELECTRICAL MANUFACTURING CO. LTD.**
Beavor Lane, London W.6.
Phone: Riverside 4824.

"LEM" and "FEC" condensers.

*Directors:* M. Emanuel.
L. Emanuel.
*General Manager:* P. Lyons.
*Sales Manager:* C. Jeffries.
*Buyer:* C. Gardiner.
*Chief Engineer:* R. J. Cook.
*Works Manager:* W. Evans (Hammersmith).
*Works Manager:* J. Waters (Fulham).
*Chief Inspector:* R. Halford.
*Company Secretary:* R. Hargreaves.

**LONG and HAMBLY LTD.**
High Wycombe, Buckinghamshire.
Phone: High Wycombe 2321

Rubber mouldings and rubber to metal bonding.

*Directors:* H. R. Freemantle.
J. L. Woodham.
Charles Pretzlik.
C. J. P. Hudson.
W. C. Green.
*General Manager:* J. L. Woodman.
*Sales Manager:* R. M. Payne.
*Buyer:* R. Andrews.
*Works Manager:* A. Forbes.
*Assistant Sales Manager:* G. A. Biggs.

### McMICHAEL RADIO LIMITED

190 Strand, London W.C.2. Phone: Temple Bar 2085.
Wexham Road, Slough, Bucks. Phone: Slough 24541.
"McMichael" radio and television sets.

*Directors:* R. H. Klein, M.Inst.R.E.
H. F. Buckmaster, M.B.E., M.Brit.I.R.E.
C. G. Allen, M.Brit.I.R.E.
J. A. Klein.
*Sales Director and Manager:* C. G. Allen.
*Buyer:* A. H. Smith.

### MARCONI INSTRUMENTS LIMITED

Longacres, St. Albans, Herts. Phone: St. Albans 6161–6.
Manufacturers of scientific instruments; electro-medical and X-ray apparatus.

*Directors:* Sir George H. Nelson, F.C.G.I., M.I.Mech.E., M.I.E.E. (Chairman).
Sir Edward Crowe, K.C.M.G.
Brigadier-General Wade H. Hayes, O.B.E.
P. Horsfall.
H. G. Nelson, A.M.I.C.E., M.I.Mech.E., M.I.E.E.
Sir Noel Ashbridge, B.SC., M.I.C.E., M.I.E.E.
*General Manager:* J. M. Furnival, M.B.E.
*Sales Manager:* H. Sellers.
*Buyer:* G. H. Scott.
*Secretary:* C. Stanier, A.C.I.S., F.I.A.C.
*Chief Engineer:* E. Garthwaite, M.B.E.

### THE MARCONI INTERNATIONAL MARINE COMMUNICATION CO. LTD.

Marconi House, Strand, London W.C.2. Phone: Temple Bar 1577.
Supplying, installing, servicing, and operating of all types of marine radio communication equipment, radar, echometers, and other electronic aids to navigation.

*Chairman:* Sir George H. Nelson, F.C.G.I., M.I.Mech.E., M.I.E.E.
*Directors:* Sir Noel Ashbridge, B.SC., M.I.C.E., M.I.E.E.
Sir Edward Crowe, K.C.M.G.
P. Horsfall.
H. G. Nelson, M.I.Mech.E., M.I.E.E., A.M.I.C.E.
G. A. Riddell, C.A.
*Deputy to the Managing Director:* H. C. Van de Velde.
*General Manager:* R. Ferguson.
*Deputy General Manager:* T. A. Simpson.
*Assistant General Manager:* John Keir.
*Secretary:* L. J. King, F.C.I.S.

### MARCONIPHONE CO. LTD., THE

See Electric and Musical Industries Ltd.

## MARCONI'S WIRELESS TELEGRAPH CO. LTD.

Marconi House, Chelmsford, Essex. Phone: Chelmsford 3221.

Complete radio communication systems, fixed and mobile. Complete sound and television broadcasting stations; aerial systems; studio and outside broadcasting equipment. Aircraft installations; aerodrome ground stations; radar and navigational aids for use on land, at sea, and in the air. Masts; electronic valves; crystals.

| | |
|---|---|
| *Directors:* | Sir George H. Nelson, F.C.G.I., M.I.Mech.E., M.I.E.E. |
| | Sir Noel Ashbridge, B.SC., M.I.C.E., M.I.E.E. |
| | Sir Edward Crowe, K.C.M.G. |
| | Brigadier-General Wade H. Hayes, O.B.E. |
| | P. Horsfall. |
| | H. G. Nelson, M.I.Mech.E., M.I.E.E., A.M.I.C.E. |
| | Sir John Woods, G.C.B., M.V.O. |
| *General Manager:* | F. N. Sutherland, M.A., M.I.E.E. |
| *Commercial Manager:* | F. S. Mockford. |
| *Supplies Manager:* | A. T. Cadman. |
| *Engineer-in-Chief:* | G. M. Wright, C.B.E., B.Eng., M.I.E.E. |
| *Export Manager:* | W. J. Richards. |
| *Foreign Manager:* | R. D. Bangay. |
| DIVISIONAL MANAGERS: | |
| *Broadcasting:* | H. A. Lewis, M.B.E., T.D., B.SC., M.I.E.E. |
| *Communications:* | A. W. Cole, A.M.I.E.E. |
| *Aeronautical:* | L. A. Sweny. |
| *Services Equipment:* | E. N. Elford, T.D., A.M.I.E.E. |
| *Central:* | G. R. Tyler. |
| *Technical Information:* | A. E. Shepherd, O.B.E., M.I.Mech.E. |
| *Chief of Research:* | R. J. Kemp. |
| *Publicity Manager:* | R. P. Raikes, D.S.O. |
| *Secretary:* | L. J. King, F.C.I.S. |

## MICA PRODUCTS LIMITED

Crystalate House, Mill Lane, Tonbridge, Kent. Phone: Tonbridge 2261.

Engineers in plastics; every type of electrical insulating component and material.

| | |
|---|---|
| *Directors:* | J. Lesser (Chairman and Managing). |
| | R. L. A. B. Morton, O.B.E. |
| | W. H. Cambden. |
| | E. E. Wood. |
| *Secretary:* | F. G. Bell, F.C.C.S. |

## MORGAN BROS. (PUBLISHERS) LTD.

28 Essex Street, Strand, W.C.2. Phone: Central 6565.

Publishers of *Electronic Engineering* and other journals.

| | |
|---|---|
| *Editor:* | H. G. Foster, M.SC., M.I.E.E. |
| *Advertisement Manager:* | C. Lynton Harris. |

## MORGANITE RESISTORS LIMITED

Bede Trading Estate, Jarrow, Co. Durham. Phone: Jarrow 76136.

"Morganite" potentiometers, fixed resistors, and other special carbon resistors for electronic applications.

| | |
|---|---|
| *Managing Director:* | E. T. Tregenza. |
| *Sales Manager:* | J. Thomson. |
| *Buyer:* | C. Kinnaird. |
| *Export Sales Manager:* | A. J. Flower. |
| *Works Manager:* | H. R. Freeman. |

### MULLARD LTD.

Century House, Shaftesbury Avenue, London W.C.2. Phone: Gerrard 7777.

Manufacturers of radio valves, television picture tubes, radio and television components.

*Directors:* S. R. Mullard, M.B.E., M.I.E.E.
S. S. Eriks, O.B.E. (Dutch).
Air Commodore A. V. Harvey, C.B.E., M.P.
T. E. Goldup, M.I.E.E.
*Publicity Manager:* C. Barwell.

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### MULTICORE SOLDERS LTD.

Multicore Works, Maylands Avenue, Hemel Hempstead, Herts. Phone: Boxmore 3636.

Manufacturers of "Ersin" Multicore solder, "Arax" Multicore solder, "Ersin" liquid flux, "Arax" liquid flux, and "Multicore" tape solder.

*Directors:* Richard Arbib (Managing).
A. E. Macey.
*Sales Manager:* G. A. Jarvis.
*Buyer:* H. F. Gillard.

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### MUREX LTD.

Rainham, Essex. Phone: Rainham, Essex 3322.

Manufacturers of carbon-free metals and alloys, cemented tungsten carbide products, pure tungsten and molybdenum products, copper refiners, etc.

*Directors:* Sir Arthur J. G. Smout.
H. C. Green.
G. P. Joseph.
C. R. Malcolm.
Lieutenant-Colonel J. F. Todhunter.
H. J. Penn (Managing).

*Powder Metallurgy Division:*

Pure tungsten, molybdenum, tantalum, and zirconium products. Sintered permanent magnets. Sintered composite permanent magnets—trade mark "Sincomax."

*Production and Sales Manager:* B. E. Berry.
*London Sales Office:* Central House, Upper Woburn Place, W.C.1. Phone: Euston 8265.
*Home Sales Manager:* H. T. M. Roberts.

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### MURPHY RADIO LTD.

Welwyn Garden City, Herts. Phone: Welwyn Garden 800.

Manufacturers of Murphy radio and television receivers and radiogramophones, and electronic equipment.

*Directors:* E. J. Power (Chairman and Managing).
F. B. Duncan (Deputy Managing).
H. V. Batchelor.
C. R. Casson.
E. W. Kent.
F. J. Osborn.
*Export Manager:* E. W. Kent.
*Director of Engineering:* K. S. Davies.
*Distribution Manager:* W. L. Greenwood.
*Works Manager:* P. McC. Potter.
*Publicity Manager:* F. Jeffery.
*General Manager* (Electronics Division): G. W. Hart.

**MYCALEX COMPANY LIMITED**
10 Ashcroft Road, Cirencester, Gloucestershire. Phone: Cirencester 400.
Makers of "Mycalex" insulating materials.
*Directors:* Sir Herbert Ingram, Bart. (Chairman).
M. W. Ingram (Managing).
Lady Ingram.
H. Ingram.
K. W. Rhodes.
A. W. H. Wedlock.
*Sales Manager:* E. J. Huddlestone.
*Buyer:* E. Goldman.
*Secretary:* E. F. Middleton.
*Chief Engineer:* A. E. A. Wright.

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**JAMES NEILL & CO. (SHEFFIELD) LTD.**
Composite Works, Sheffield 11. Phone: Sheffield 26781–6.
"Eclipse" permanent magnets and tools.
*Directors:* Colonel F. A. Neill, C.B.E., D.S.O., T.D., D.L., J.P.
W. M. Neill.
Philip Neill (Magnet Production).
J. H. Neill.
*Technical Manager:* A. Edwards, Ph.D., A.Inst.P., F.I.M.
*Sales Manager* (Industrial Magnets): F. G. Tyack, A.M.I.E.E.
*Buyer:* R. J. Dench.

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**PAINTON & CO. LTD.**
Kingsthorpe, Northampton. Phone: Northampton 32354.
Makers of Audio, Video, and RF attenuators and faders; heavy-duty and miniature wire-wound resistors; high stability carbon resistors; plugs and sockets; rotary switches; wire-wound potentiometers; push-button switches; toggle switches; terminals; knobs; dials.
*Directors:* C. M. Benham, B.Sc., A.C.G.I., A.M.I.E.E.
H. M. Benham, B.A.
J. B. Kaye, M.A., A.M.I.E.E.
*General Manager:* J. B. Kaye.
*Sales Manager:* R. Steven, B.Sc.
*Buyer:* P. J. Burman.
*Secretary:* R. A. Aitken, A.C.W.A.
*Technical Manager:* G. Pearce, B.Sc.
*Works Manager:* J. R. Slatter, A.M.I.E.E., A.M.I.Mech.E.

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**PARTRIDGE TRANSFORMERS LTD.**
Roebuck Road, Tolworth, Surrey. Phone: Elmbridge 6737–8.
Makers of "Partridge" transformers and chokes.
*Directors:* A. L. Bacchus.
V. R. Partridge.
*Works Manager:* D. J. Cottridge.
*Sales Manager:* A. L. Bacchus.
*Buyer:* A. Berthell.
*Chief Engineer:* Trefor Williams, B.Sc.

### OLIVER PELL CONTROL LTD.

Cambridge Row, Burrage Road, Woolwich, S.E.18. Phone: Woolwich 1422–6.

"Varley" coils, transformers, solenoids.

| | |
|---|---|
| *Directors:* | G. F. N. Oliver, M.A., M.I.E.E. (Managing).<br>R. Sefton Turner (Chairman).<br>Frank H. Elliott.<br>Percy G. Leveritt.<br>A. C. J. Hartley-Sharpe.<br>B. W. A. Dickson, C.B.E. |
| *Works Manager:* | C. N. Gayther. |
| *Sales Manager:* | J. Sim. |
| *Buyer:* | S. Hay. |
| *Chief Engineer:* | J. E. Apted. |
| *Secretary:* | E. Gorbould. |

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### PETO SCOTT ELECTRICAL INSTRUMENTS LTD.

Weybridge Trading Estate, Addlestone Road, Weybridge, Surrey. Phone: Weybridge 4271.

Manufacturers of Peto Scott television and radio receivers and radiograms.

| | |
|---|---|
| *Directors:* | M. Campbell Jones (Chairman).<br>J. Foster Veevers, M.I.E.E., M.I.P.E., M.I.I.A. (Managing).<br>J. C. Drewe (Sales).<br>A. G. Benstead.<br>R. N. Martineau. |
| *Sales Manager:* | V. P. Cole. |
| *Buyer:* | G. Langston. |
| *Works Manager (Executive Director):* | R. E. Parish. |
| *Chief Engineer (Executive Director):* | R. C. Heath. |

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### PHILCO (GREAT BRITAIN) LTD.

Romford Road, Chigwell, Essex. Phone: Hainault 4151.

Manufacturers of Philco radio and television receivers and radiogramophones.

| | |
|---|---|
| *Directors:* | Air Vice-Marshal R. S. Aitken.<br>J. G. Beevor.<br>S. L. Capell.<br>A. Dayton (U.S.A.) (Managing).<br>A. A. Luscombe.<br>W. R. Wilson (U.S.A.). |
| *Sales Managers:* | A. R. Mitchell (Home Sales).<br>V. R. Martin (Export Sales). |
| *Buyer:* | G. H. Vinnicombe. |
| *Chief Engineer:* | R. V. Arnaboldi. |

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### PILOT RADIO LIMITED

31–37 Park Royal Road, London N.W.10. Phone: Elgar 7353.

Makers of "Pilot" television and radio receivers.

| | |
|---|---|
| *Director:* | H. L. Levy (Managing). |
| *Sales Director:* | M. M. Lynn. |
| *Buyer:* | M. G. Hart. |

**PLESSEY COMPANY LTD., THE**
56 Vicarage Lane, Ilford, Essex. Phone: Ilford 3040.

Manufacturers of radio and TV components.

*Directors:* A. G. Clark (Chairman and Managing).
J. F. Mallabar, F.C.A.
B. G. W. Attwood, B.SC. (Econ).
J. A. Smith.
E. J. Earnshaw, M.A., A.M.I.E.E., A.F.R.Ae.S.
*Secretaries:* H. L. Jarvis, A.I.A.C.
E. H. Ouston, B.Com., A.C.A.

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**PYE LTD.**
Radio Works, Cambridge. Phone: Cambridge 3434.

Manufacturers of radio and television receivers, television studio and transmission equipment, components, accessories, radio gramophones, etc.

*Directors:* C. O. Stanley, C.B.E. (Chairman and Managing).
L. G. Hawkins.
Mrs. L. A. M. Hodson, M.A.
C. A. W. Harmer, O.B.E.
E. J. W. Stanley, M.A., B.SC. (Eng.).
J. O. Stanley, M.A.
N. A. Twemlow, M.B.E.
B. J. Edwards, M.B.E., M.I.E.E.
*Secretary:* Fred Keys, A.S.A.A.

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**RADIO GRAMOPHONE DEVELOPMENT CO. LTD.**
Eastern Avenue West, Mawneys, Romford, Essex. Phone: Romford 5991.

"R.G.D." radiogramophones and television receivers.

*Directors:* Wm. Harries.
T. A. Robins.
J. H. Williams.
*Sales Manager:* Kenneth H. Yandell.
*Service Manager:* S. T. Bolus.

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**ROSS, COURTNEY & CO. LTD.**
Ashbrook Road, Upper Holloway, N.19. Phone: Archway 1166.

"Ross Courtney" wire end terminals; mechanical and electrical components.

*Directors:* Sir Arnold B. Gridley, K.B.E., M.I.E.E., M.P.
L. F. Brookman.
Lieutenant-Colonel Claud Hardie, D.S.O.
John McLean, C.B.E.
*General Manager:* H. C. Elsden.
*Sales Manager:* A. S. Robertson.
*Buyer:* P. Knight.

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**G. S. ROYDS LIMITED**
160 Piccadilly, London W.1. Phone: Regent 8238.

Advertising Agents.

*Directors:* G. S. Royds (Chairman and Managing).
Miss B. S. Fielding.
W. C. Crossley.
A. B. Carrick-Smith.
F. J. Ecclestone.
*Head of Radio Department:* John B. Beard.

**GEO. L. SCOTT & CO. LTD.**
Cromwell Road, Ellesmere Port, Cheshire. Phone: Ellesmere Port 280.
"Stantranis," "Medris," "Standynis" electrical steel stampings.
*Directors:* F. R. Cleeves, O.B.E.
M. M. Cleeves.
A. Reith Gray.
J. H. Pearce.
N. H. Rollason.
R. F. Summers.
G. E. Tregoning.
*General Manager:* F. R. Ladyman.
*Sales Director:* M. M. Cleeves.
*Buyer:* G. Cooper.
*London Office Representative:* G. M. Wright.

**HENRI SELMER & CO. LTD.**
114–116 Charing Cross Road, London W.C.2. Phone: Temple Bar 0444.
Clavioline electronic keyboard.
*Directors:* Ben Davis.
Lew Davis.
A. W. Fredman.
S. Hooper.
*Sales Manager:* Ben Davis.

**SIMMONDS AEROCESSORIES LTD.**
Treforest, Pontypridd, Glamorganshire. Phone: Treforest 2211.
"Spire" speed nuts and fasteners; "Nyloc" self-locking nuts.
*Directors:* C. W. Hayward.
L. G. Oxford.
D. G. N. Lloyd-Lowles.
E. S. Mead.
R. S. H. Shepard.
*General Manager:* G. E. Bache.
*Sales Manager:* R. W. Storey.
*Buyer:* V. Weatherington.
*Secretary:* S. J. Watkins.

**SKY-MASTS**
Beadon Garage, Beadon Road, Hammersmith, W.6. Phone: Riverside 1124.
Sky-Masts light alloy sectional masts.
*Proprietor:* J. H. Theakston.
*Chief Engineer:* T. Jeffery.
*Sales Manager:* V. R. Baylis.

**SOUND PUBLICITY (LONDON) LTD.**
348–352 Norwood Road, London S.E.27. Phone: Gipsy Hill 1131.
Advertising, promotion, and public relations. Sole Agents for the Tannoy Group of Companies.
*Directors:* Denis C. Blackmore, A.L.A.A., A.C.W.A.
R. D. Carter-Pedler, B.A. (Cantab).

**STABILITY RADIO COMPONENTS LIMITED**
Commerce Estate, Woodford Avenue, E.18. Phone: Buckhurst 6501–2.
Capacitor manufacturer.
*Directors:* W. Schick, A.M.I.E.E. (Managing).
A. Schick.

**THE STANDARD INSULATOR CO. LTD.**

Standard Works, Bridge Road, Camberley, Surrey. Phone: Camberley 1813.

Manufacturers of small rubber mouldings for the industry.

*Directors:* Air Vice-Marshal A. E. Borton, C.B., C.M.G., D.S.O., A.F.C.
W. Bryan.
R. A. Coupland, A.C.A.
M. T. Gissing (Managing).
E. G. Tilley, F.C.A. (Chairman).
*General Manager:* C. H. Gunter.
*Sales Manager:* R. H. Currington.
*Buyer:* L. C. Duncan.

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**STANDARD TELEPHONES and CABLES LTD.**

Connaught House, 63 Aldwych, London W.C.2. Phone: Holborn 8765.

Manufacturers of broadcasting studio equipment; telecommunication cables; magnetic materials; radio communications and radar equipment; "SenTerCel" selenium metal rectifiers for radio and television; transmitting and receiving valves; television line equipment; line broadcasting equipment.

*Directors:* Sir Thomas G. Spencer (Chairman and Managing).
E. S. Byng (Vice-Chairman).
Sir Donald Banks, K.C.B., D.S.O., M.C.
Sir Francis Brake, M.I.E.E.
R. A. Mack.
A. W. Montgomery, O.B.E. (Joint General Manager).
W. H. Mott (Comptroller and Secretary).
J. R. Pheasey (Joint General Manager).
Colonel C. E. Ponsonby, T.D., D.L.
Admiral Sir Aubrey C. H. Smith, K.C.V.O., K.B.E., C.B.
H. C. Trenam.
Major-General C. H. H. Vulliamy, C.B., D.S.O.

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**STEATITE and PORCELAIN PRODUCTS LTD.**

Stourport-on-Severn, Worcestershire. Phone: Stourport 111.

"Frequentite," "Faradex," and "Tempradex" ceramic insulators and dielectrics.

*Directors:* Imperial Chemical Industries Ltd.
*General Manager:* T. McLauchlan.
*Sales Manager:* G. H. Halton.
*Technical Manager:* K. G. Brand.
*Technical Development:* G. P. Britton.

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**STRATTON & CO. LTD.**

Eddystone Works, Alvechurch Road, West Heath, Birmingham 31. Phone: Priory 2231–4.

Makers of Eddystone short wave receivers and components.

*Directors:* A. C. Edwards.
H. Cox.
*Sales Manager:* A. C. Edwards.

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**SUFLEX LIMITED**

35 Baker Street, London W.1. Phone: Welbeck 0791–4.

Manufacturers of plastic insulating sleeving, plastic covered wire, varnished cotton electro sleeving, and Polystyrene capacitors.

*Directors:* B. H. Hornung.
H. V. Barter.
C. E. Rockwell.

**SWIFT LEVICK & SONS LIMITED**
Clarence Steel Works, Sheffield 4. Phone: Sheffield 20371.
Makers of permanent magnets.
*Directors:* S. S. Levick (Chairman and Managing).
C. E. Levick.
Norman Burton.
G. D. L. Horsburgh.
F. W. Tetley.
R. H. Levick.
C. S. Needman (Director and Secretary).
*Production Manager:* A. Gelsthorpe.
*Chief of Research and Development:* D. Hadfield, M.SC. (Eng).

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**H. D. SYMONS & CO. LTD.**
Park Works, Kingston Hill, Surrey. Phone: Kingston Hill 0091–3.
Makers of Symite, Symel, Symax, Symoid, Symol, Duply, Emlin flexible electrical insulating materials.
*Directors:* H. D. Symons, M.I.E.E.
L. A. Symons.
R. Good.
H. Good.
M. D. Symons, O.B.E., M.A., A.M.I.Mech.E., A.I.E.E.
*General Manager:* M. D. Symons.
*Sales Manager:* D. G. Hollis.
*Buyer:* G. W. Wadsworth.

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**TANNOY LTD.**
348–352 Norwood Road, London S.E.27. Phone: Gipsy Hill 1131.
Sound reinforcement and amplifying equipment.
*Directors:* Guy R. Fountain (Governing).
Michael H. Fountain.
W. J. Haines.
D. C. Blackmore (Secretary).
*Senior Development Engineer:* R. Rackham.
*Technical Sales and Export Division:* T. B. Livingstone.
*Development Engineer:* P. J. Waples.

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**TANNOY PRODUCTS LTD.**
348–352 Norwood Road, London S.E.27. Phone: Gipsy Hill 1131.
Manufacturers of "Tannoy" sound reinforcement and amplifying equipment.
*Directors:* Guy R. Fountain.
Michael H. Fountain.
Ronald R. Pickering, F.C.A.
*General Manager:* W. J. Haines.
*Buyer:* W. Penny.
*Chief Engineer* (Installations): D. W. Pipe.
*Manager* (Installation, Maintenance, Service, and Hire Division): F. J. Whiting.

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**TANNOY RENTALS LTD.**
348–352 Norwood Road, London S.E.27. Phone: Gipsy Hill 1131.
Rental of "Tannoy" equipment.
*Directors:* Guy R. Fountain.
Michael H. Fountain.
D. Guy Fountain.
J. M. Shirreff.
Denis C. Blackmore, A.L.A.A., A.C.W.A.

**TAYLOR ELECTRICAL INSTRUMENTS LIMITED**
415–419 Montrose Avenue, Slough, Bucks. Phone: Slough 21381.
Manufacturers of electrical measuring instruments and electronic equipment.
*Directors:* S. Rich.
J. Broyd.
E. Strauss.

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**THE TELEGRAPH CONDENSER CO. LTD.**
Wales Farm Road, North Acton, W.3. Phone: Acorn 0061.
*Directors:* P. V. Hunter, C.B.E., M.I.E.E.
W. C. Handley, B.SC., M.I.E.E.
Sir Johnstone Wright.
T. H. Martin-Harvey.
G. J. Poole, M.I.E.E.
P. A. Sporing, O.B.E., M.SC., A.I.C.
W. F. Taylor, O.B.E.
*General Manager:* P. A. Sporing.
*Sales Manager:* W. F. Taylor.

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**THERMO-PLASTICS LIMITED**
Luton Road Works, Dunstable, Bedfordshire. Phone: Dunstable 686–7–8 and 777.
*Directors:* A. Reingand.
Mr. Lewin.
Mrs. Y. Reingand.
*Sales Manager:* Miss L. M. Barnett.
*Buyer:* L. H. Taylor.

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**TOWERS OF LONDON LTD.**
84 Hallam Street, London W.1. Phone: Langham 5050.
Producers of radio programmes.
*Directors:* Harry Alan Towers.
Margaret M. Towers.

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**TRUVOX LIMITED**
Exhibition Grounds, Wembley, Middlesex. Phone: Wembley 1212.
Loudspeaker and public address equipment manufacturers.
*Directors:* D. D. Prenn (Managing).
F. Good.
W. H. Page.
H. J. Rabbin.
T. S. Heftman.
*General Manager:* F. Good.
*Sales Manager:* E. Morris.
*Buyer:* W. H. Laws.
*Chief Engineer:* K. Short.

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**ULTRA ELECTRIC LTD.**
Western Avenue, Acton, London W.3. Phone: Acorn 3434.
Makers of "Ultra" radio and TV sets.
*Directors:* Edward E. Rosen (Chairman and Managing).
A. L. Ball (General Manager).
E. A. Lever (Sales).
H. G. Sturgeon (Chief Engineer).
V. S. Knight.
*Sales Manager:* H. J. Norris.
*Buyer:* W. T. Carter.

**VACTITE WIRE CO. LTD.**
24 Queen Anne's Gate, Westminster, S.W.1. Phone: Whitehall 8671.
Vacrom (nickel-chrome) and Eureka (cupro-nickel) resistance wires and tapes.
*Directors:* W. J. Terry.
E. L. Wildy.
F. W. Freeman.

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**VIDOR LIMITED**
West Street, Erith, Kent. Phone: Erith 3080.
Makers of "Vidor" dry batteries, radio and television receivers, lamps and torches, and domestic appliances.
*Director:* R. P. Richardson, O.B.E. (Managing).
*Sales Manager:* R. Wrathall.

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**VITAVOX LIMITED**
Westmoreland Road, London N.W.9. Phone: Colindale 8671–3.
Makers of "Vitavox" loudspeakers and microphones.
*Directors:* L. Young.
G. W. Shaw.
F. Young.
*Sales Manager:* J. W. Maunder.

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**WEBB'S RADIO**
14 Soho Street, London W.1. Phone: Gerrard 2089.
The home of all scientific radio and television products.
*Director:* G. A. Laughton.
*General Manager:* E. J. Pickard.

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**WEST END ADVERTISING AGENCY LTD.**
Ramillies Building, 1–9 Hills Place, Oxford Street, London W.1. Phone: Gerrard 2304–5.
Advertising Agents, who handle commercial radio programmes.
*Directors:* C. W. Saunders.
W. E. Barley.
J. I. Marshall.
G. M. Todd, C.A.

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**WESTINGHOUSE BRAKE and SIGNAL CO. LTD.**
82 York Way, King's Cross, London N.1. Phone: Terminus 6432.
Works: Chippenham, Wiltshire.
Manufacturers of "Westectors," "Westalite," and "Westeht" metal rectifiers.
*Directors:* Captain A. R. S. Nutting, O.B.E., M.C. (Chairman).
D. F. Brown (Managing).
Harald Peake.
H. A. Cruse, C.B.E. (General Works Manager).
Sir James Grigg, K.C.B., K.C.S.I.
M. W. Shorter (General Sales Manager).
J. Griffith Hall (Secretary).
*Chief Development Engineer:* Major L. H. Peter.
*Joint Chief of Laboratory:* A. H. B. Walker.
*Divisional Manager* (Rectifier Division): L. E. Thompson.
*Assistant Divisional Manager* (Rectifier Division): D. Ashby.

**WHITELEY ELECTRICAL RADIO CO. LTD.**
Victoria Street, Mansfield, Notts. Phone: Mansfield 1762–5.
109 Kingsway, London W.C.2. Phone: Holborn 3074.

Makers of "Stentorian" loudspeakers, radio and electronic apparatus.

*Directors:* A. H. Whiteley, M.B.E. (Managing).
P. B. Whiteley.
*General Manager:* P. B. Whiteley.
*Sales Manager:* H. W. Read.
*Buyer:* R. R. Foster.
*Production Manager:* D. James.
*Head of Research:* R. T. Lakin.
*Cabinet Works Manager:* H. Linnington.

**WILLIAMS, DERRICK PRODUCTIONS LTD.**
Charter House, 52 Gloucester Place, London W.1. Phone: Welbeck 3521.

Producers of TV films.

*Directors:* Derick Williams, B.SC.
Jack Harrison, F.C.A.
Douglas A. Duncan.

**WOLSEY TELEVISION LIMITED**
43–45 Knights Hill, West Norwood, S.E.27. Phone: Gipsy Hill 0126–9.

Manufacturers of television and radio aerials.

*Directors:* H. S. Melly (Managing).
E. J. Harbour.
*General Manager:* B. G. Martindale.
*Sales Manager:* H. N. Miller.
*Fields Area Sales Manager:* Y. W. P. Evans.

**WRIGHT and WEAIRE LIMITED**
138 Sloane Street, S.W.1. Phone: Sloane 2214–5.
Factory: Simonside Works, South Shields, Co. Durham. Phone: South Shields 2301–2.

Makers of electrical components and tape recorder apparatus.

*Directors:* R. W. Merrick (Sales) Joint Managing.
E. H. Niblett (Works)
*Secretary:* W. J. Berridge.
*Office Manager:* W. W. Thomasson.
*Buyer:* N. Kincaid.
*Chief Engineer:* A. Coghlan.
*Personnel Manageress:* Mrs. Walkington.

# FIRMS SECTION TWO

# BIOGRAPHIES

**AGATE, C. S., O.B.E., B.Sc. (Lond), A.R.C.Sc., M.I.E.E., F.R.S.A.**

Director, E.M.I. Engineering Development Ltd. Joined the staff of Marconi's Wireless Telegraph Co. Ltd. in 1914 and was intimately concerned with many of the radio inventions which were adopted during the period of the first world war and in the immediate post-war period. Joined the Columbia Graphophone Co. Ltd. in 1929 and took charge of the radio development section. Transferred to Electric and Musical Industries Ltd. on its formation in 1931. His special services in the development of radar and similar devices for the Government during the last war were recognized by the award of the O.B.E. Is a B.Sc. London, a Member of the Institution of Electrical Engineers, an Associate of the Royal College of Science, and a Fellow of the Royal Society of Arts.

**AIKMAN, Sir ALEXANDER, C.I.E.**

Chairman, Electric and Musical Industries Ltd. A Scot by birth and a Chartered Accountant by profession, he spent the years between the two world wars in India after serving in France during the 1914–8 war. Was for fifteen years an active director of the famous East India merchant house of Andrew Yule & Co. Ltd. of Calcutta, and was Deputy Chairman of that company for some years prior to his return to England. As a member of the Legislative Assembly in the Indian Central Legislature and leader of the European Party from 1936 to 1940, he took a keen interest in Indian political life. Was First President of the Society of Chartered Accountants in India and Burma; a member of the Bengal Board of Economic Enquiry, 1933–8; a member of the Legislative Assembly in the Indian Central Legislature, 1936–40; and leader of the European Group, 1938–40. Has varied business interests in this country and is a director of many eminent firms. Has been Chairman of Electric and Musical Industries Ltd. since 1946 and was previously Deputy Chairman and a member of the Board for many years.

**AITKEN, Air Vice-Marshal ROBERT STANLEY, C.B.**

Director of Philco (Great Britain) Ltd. and Philco (Overseas) Ltd. *b.* 4th April 1896. Educated at Highgate School and Wiesbaden. Served in the 1914–8 war. From 1940–2 was Chief Signals Officer, Air Defence Great Britain and Headquarters Fighter Command.

**ALLEN, CHARLES GILBERT**

Director and Sales Manager, McMichael Radio Ltd., London. *b.* Strood, Kent, 17th August 1900. Address: "Broomcroft," Forest Ridge, Keston, Kent. Phone: Farnborough 3353. Educated at Picardy School, Belvedere, Kent. In 1914 became a member of the staff of the Callender Cable Co. Joined Marconi International Marine Communication Co. in 1917, serving as Radio Officer in H.M. Oiler Transports in the Near East. Became one of McMichael Radio Ltd.'s first employees in 1923. Appointed London Sales Manager in 1927, General Sales Manager in 1930, Director and Sales Manager in 1948. Member of the Institute of Radio Engineers. Holder of private amateur transmitting licence (call sign G81G) and of several world records for radio reception.

**ASHBRIDGE, Sir NOEL, B.Sc., M.I.C.E., M.I.E.E.**

Director, Marconi's Wireless Telegraph Co. Ltd. *b.* 10th December 1889. Educated at Forest School and King's College, London. Early training acquired with Yarrow & Co. Ltd. and British Thomson Houston Co. Ltd. Served with the Royal Fusiliers and Royal Engineers from 1914 to 1918. In 1919 he joined Marconi's Wireless Telegraph Co. Ltd., and was head of their experimental broadcasting station at Writtle for several years in co-operation with Captain P. P. Eckersley. He joined the B.B.C. in 1926 as Assistant to the Chief Engineer. He was appointed Chief Engineer in 1929. Later he was promoted to be Controller, Engineering Division and Deputy Director General. In 1947 he became Director of Technical Services. Retiring in 1952, he joined the Boards of Directors of Marconi's Wireless Telegraph Co. Ltd., The Marconi International Marine Communication Co. Ltd., Marconi Instruments Ltd., and The English Electric Valve Co. Ltd. in 1953. He received knighthood in 1953.

**BACCHUS, ARTHUR LESLIE**

Managing Director, Partridge Transformers Limited, Esher. *b.* Suffolk, 15th May 1916. Address: 20 Claygate Lane, Esher, Surrey. Phone: Emberbrook 3875. Educated at Hitchin Grammar School. Joined Partridge Transformers Limited in 1934. Appointed Managing Director in 1944.

**BANGAY, RAYMOND DORRINGTON**

Foreign Manager, Marconi's Wireless Telegraph Co. Ltd. *b.* Lyme Regis, Dorset, 1883. Educated at Epsom College and Finsbury Technical College (City and Guilds). Joined his present Company in 1902 and was shortly transferred to the American Marconi Company, for whom he served as engineer at the high power transmitting stations at Cape Cod and

Glace Bay. Returning to the English Company in 1907 he studied and developed the application of wireless telegraphy to military purposes and took part in the original experiments in air-to-ground communication. Became in succession the Chief of Field Station Department, Chief of Designs Department and Technical Representative abroad. Appointed Foreign Manager, Designs in 1935, in which capacity he has visited more than thirty foreign countries. Author of *The Elementary Principles of Wireless Telegraphy* and *The Oscillation Valve*. Co-author of *Wireless Receivers and Circuits*. British Delegate to International Telecommunications Conferences at Madrid, Cairo, and Atlantic City, and to C.C.I.R. and Broadcasting Conferences at The Hague, Lucerne, Lisbon, Montreux, and Copenhagen. The first wireless engineer to have completed fifty years' service in the industry.

**BANKS, Sir DONALD, K.C.B., D.S.O., M.C.**
Director of Standard Telephones and Cables Ltd. and other companies. *b.* 1891. Address: Cadnam Lodge, Hants. Educated at Elizabeth College, Guernsey. Was first Permanent Under Secretary of State for Air, 1938–9. Mentioned in dispatches during the 1939–45 war. Club: Reform.

**BAYLIS, VICTOR**
Sales Manager, Sky-Masts, Hammersmith. *b.* London, 18th January 1929. Address: 36 Fourth Avenue, Queen's Park, London. Phone: Cunningham 1736. Joined a leading radio manufacturer in 1945 as assistant to Sales Manager. Became interested in Sales Promotion. After four years organizing exhibition stands and creating subject matter for trade and Press advertising, he joined a paper manufacturing firm as representative to gain further experience of selling. A brief stay with a major tyre manufacturing firm completed a three year tour on the road. Recently joined Sky-Masts to control sales promotion and general sales administration.

**BENHAM, C. M.**
Chairman and Managing Director, Painton and Co. Ltd., Northampton. *b.* London, 4th January 1904. Address: Kingthorn Mill, Greens Norton, Northants. Educated at St. Lawrence College, Thanet; and Imperial College, London. Was the head of Radio Communications Engineering Department of Standard Telephones and Cables Ltd., New Southgate, London, from 1933–7. Associated in founding Painton & Co. Ltd. Is married, with two children.

**BORTON, Air Vice-Marshal AMYAS EDEN, C.B., C.M.G., D.S.O., A.F.C.**
Director of Standard Insulator Co. Ltd. *b.* 20th September 1886. Address: Cheveney, Yalding, Kent. Educated at Eton. Served in 1914–8 War and was mentioned in dispatches and awarded D.S.O. Club: United Services.

**BRAKE, Sir FRANCIS, M.I.E.E.**
Director of Standard Telephones and Cables Ltd., International Marine Radio Co., and many other companies. *b.* 10th December 1889. Address: Primrose Lodge, Streeters Farm, Duddleswell, near Uckfield, Sussex. Phone: Nutley 142. Educated at Mountjoy School, Dublin, and Colet Court. Is a Director of British Overseas Airways Corporation. Recreation: farming. Clubs: City Livery, Royal Automobile, Bath, and Farmers'.

**BREWELL, SYDNEY, M.B.E., M.I.P.E., F.Inst.D.**
Chairman and Managing Director, A. H. Hunt (Capacitors) Ltd. *b.* Boston, Lincs. Educated at Boston Grammar School. After extensive engineering training (practical, technical, draughtsmanship) with Fisher Clark & Co., John Holroyd & Co., and Thomas Robinson and Sons, took up appointment with the Gramophone Company as Senior Production Engineer and control of plant lay-out. Resigned from E.M.I. in 1932 to take a senior executive position with Hellesens Limited in association with A. H. Hunt Limited. Present Hunt Company reformed 1936 to specialize in manufacture of electrical condensers (capacitors). Positions held: Director and Works Manager, Works Director and present position since 1948. Regular visitor to North America since 1937 and wide business association in U.S.A. and Canada.

**BROWN, L. J., A.S.A.A.**
Managing Director, Electric and Musical Industries Ltd. An accountant by profession, he served articles with Messrs. Cooper & Cooper, Chartered Accountants, of London, and became a Member of the Society of Incorporated Auditors and Accountants. His auditing experience with his original firm included contacts with a large number of the overseas subsidiaries of the Gramophone Company; and he joined that company in 1927. On the formation of Electric and Musical Industries Ltd. in 1931 he became Chief Accountant of the Group, and was appointed Managing Director in 1952.

**BULGIN, Wing-Cmdr. ARTHUR FREDERICK, M.B.E., M.Brit.I.R.E., S.Mem.I.R.E., F.R.S.A.**
Chairman and Managing Director (Original Founder), A. F. Bulgin & Co. Ltd. Served in

the R.F.C. and R.A.F. during the first world war. Founded A. F. Bulgin & Co. in 1932. Formed the Limited Company a few years later, and the Public Company in 1948. Extensive organizational activities with the Air Training Corps, 1941 to date (and continuing); now O.C. West Essex Wing. Founder-Member Radio and Electronic Component Manufacturers' Federation; Past Chairman, and now Vice-President for many years. Freeman of the City of London, Liveryman of the Clockmakers', the Farriers', and Musicians' Companies. Hobbies: kinematophotography (sound colour), realistic sound-reproduction, and component-design.

**BURGHLEY, Lord**
Chairman of Directors, A. C. Cossor Ltd. and numerous other companies and organizations. *b*. 9th February 1905. Educated at Eton and Magdalene College, Cambridge. Was Member of Parliament (Unionist) for Northants (Peterborough Division), 1931–43, and Parliamentary Private Secretary to Parliamentary Secretary, Ministry of Supply, 1939–41. Won several British and Olympic Hurdling Championships while at Cambridge and afterwards. Is currently Chairman of the British Olympic Association. Has frequently broadcast and appeared on TV, usually in connection with sport.

**BURNETT, ROBERT**
Chartered Accountant. General Secretary, Scottish Radio Retailers' Association. *b*. Edinburgh. Address: Almora, Liberton, Edinburgh. Educated Edinburgh Academy and Edinburgh University. Qualified as Chartered Accountant in 1933 and for some time in practice on own account. Now partner in his firm of Romanes and Aitchison Ltd., 4 Forrest Street, Edinburgh. Became General Secretary of the Scottish Radio Retailers' Association in 1938. Married, with two children. Recreations: gardening, walking, and golf. Hobby: tapestry.

**CAVENDISH-BENTINCK, VICTOR FREDERICK WILLIAM**
Director, British Relay Wireless and Television Ltd. *b*. London, 18th June 1899. Address: 24 Trevor Place, Knightsbridge, S.W.7. Phone: Knightsbridge 4131. 2nd-Lieutenant, Grenadier Guards, 1918; H.M. Foreign Service, 1919–47; Assistant Under-Secretary of State, 1944–5; H.M. Ambassador, Warsaw, 1945–7; left Foreign Service, 1947. Became Chairman Committee British Industrial Interests in Germany; Director KERAMAG Keramische Werke AG. Member Advisory Board for Liquidation of I. G. Farben.

**CHAMBERS, STANLEY PAUL, C.B., C.I.E.**
Deputy Chairman, Imperial Chemical Industries Ltd. and Director of the National Provincial Bank. *b*. London, 2nd April 1904. Address: "Asteys," Camlet Way, Hadley Wood, Barnet. Phone: Barnet 2905. Educated at City of London College and London School of Economics (London University). Broadcasts on economic subjects and is best known for talks on taxation and finance matters. Broadcasts include "German Currency Reform," "The Budget," the "Can I Help You?" series, and the "Taking Stock" series, etc.

**CLARRICOATS, JOHN**
General Secretary, Radio Society of Great Britain. *b*. Catford, 12th January 1898. Address: 16 Ashridge Gardens, London N.13. Phone: Palmer's Green 3255. Became Hon. Sec. (1928), then General Secretary (1930), of the Incorporated Radio Society of Great Britain. Has been Editor of R.S.G.B. *Bulletin* since 1933 and General Editor of all R.S.G.B. publications. Served in Royal Flying Corps, 1916–8 (Wireless); Royal Air Force, 1918–9; and R.A.F.V.R., 1940–5. Member of Southgate Borough Council, 1945 to date. Author of *Radio Simply Explained*, *Radio Simplified*, and *Practical Morse*. Holder (since 1926) of Amateur Transmitting Licence (call G6CL). Pioneered on low-power short wavelengths since 1926. Represented International Amateur Radio Union at Atlantic City I.T.U. Administrative Conference, 1947. Represented R.S.G.B. at I.A.R.U. Conference, Paris, 1950, and Lausanne, 1953. Married, with two daughters and one son. Hobbies: amateur radio, philately, and cricket (is member of Surrey C.C. and Southgate C.C.).

**COLLINS, NORMAN RICHARD**
Director of Associated Broadcasting Development Company and Chairman of Directors, High Definition Films Limited. *b*. 3rd October 1907. Address: 2 Meadway, London N.W.11. Was Controller of B.B.C. Television Service, 1947–50. Worked with the Oxford University Press, 1926–9, and later became assistant Literary Editor of the *News Chronicle*, 1929–33. Joined the Overseas Talks Department of the B.B.C. in 1940; a Director of the Overseas Service in 1945. Was appointed Controller of the Light Programme in 1946 and of Television Service in 1947. Publications include *London Belongs To Me*, *Children of the Archbishop*, *The Bat that Flits*, etc.

**CONDLIFFE, G. E., O.B.E., B.Sc., M.I.E.E.**
Managing Director, E.M.I. Research Laboratories Ltd., Emitron Television Ltd. Received

his technical training at Manchester University, graduating in 1913 with the degree of B.Sc. with 1st class honours in Physics. He was subsequently with the Research Department of the War Office in the Royal Arsenal, and joined the research laboratories of the Gramophone Co. Ltd. in 1929, where he was intimately connected with the development of the E.M.I. television system. Was awarded the O.B.E. for his work on radar projects for the Ministries during the war, and since then has been actively concerned with research and development on projects for television transmission stations in England and other parts of the world. Is a Member of the Institution of Electrical Engineers.

**CROWE, Sir EDWARD THOMAS FREDERICK, K.C.M.G.**

Director of Marconi Instruments Ltd., Marconi International Marine Communication Co. Ltd., and Marconi's Wireless Telegraph Co. Ltd. *b.* 20th August 1877. Educated at Bedford School. Is Director of W. T. Henley's Telegraph Works and Henley's Tyre and Rubber Co. Ltd.

**CURTIS, HAROLD ARTHUR**

Director and Secretary, Radio and Television Retailers Association (R.T.R.A.) Ltd. *b.* Shenfield, Essex, 23rd March 1908. Address: Oak Tree Lodge, 7a Heath Drive, Hampstead, N.W.3. Phone: Hampstead 1536. Educated at Brentwood School. Prior to taking up trade association work was employed in Local Government. Joined Electrical Contractors' Association as Assistant Secretary in 1934. On formation of Radio and Television Retailers' Association in 1942 was appointed Secretary and later became Director, and has been responsible for organization of the radio and television retail trade throughout the country. In 1952, elected Vice-Chairman of the Radio Trades Examination Board. 1953, elected Chairman of the Radio Industries Club. Member of Retail Furnishing Wages Council (which embraces radio and television trade) and is Secretary of the employers' side. 1950, became a Director of Telesurance Limited, undertaking maintenance and insurance of television receivers.

**DAWES, RICHARD**

Comptroller, Electric and Musical Industries Ltd. Joined the Accounts Department of the Parlophone Company in London in 1928 and has been continuously associated with the Companies in the E.M.I. Group since that date. Transferred to the Accounts Department of the Columbia Graphophone Company at Hayes in July 1933. Joined the Chief Accountant's Department of E.M.I. in 1935 and became head of this department in 1938, acting also as personal assistant to the Chief Accountant. In 1946 became Group Accountant to Electric and Musical Industries Ltd. and its subsidiary companies, and was appointed Comptroller in 1952. Is a Chartered Secretary and a Certified Accountant, being an Associate Member of the Chartered Institute of Secretaries and the Association of Certified and Corporate Accountants.

**DE FERRANTI, Sir VINCENT ZIANI, M.C., M.I.E.E.**

Chairman and Managing Director of Ferranti Ltd. *b.* 16th February 1893. Educated at Repton. Served in 1914–8 war as Captain in the Royal Engineers and was awarded the Military Cross. Was Lieut.-Colonel, 1940–4. Was Chairman of International Executive Council, and British National Committee World Power Conference. Has served on the committee of a number of British and Continental Electrical Associations, etc. Recreations: golf and skating. Clubs: Devonshire and Royal Aero.

**ECKERSLEY, THOMAS LYDWELL, B.A., B.Sc., Ph.D., F.R.S.**

Research Radio Engineer, Marconi's Wireless Telegraph Co. Ltd. *b.* 27th December 1886. Address: Weatheroak, Danbury, near Chelmsford, Essex. Phone: Danbury 12. Educated at Bedales School; University College, London, and Trinity College, Cambridge, and joined the National Physical Laboratory in 1910. After serving with the Royal Engineers on wireless intelligence in Egypt and Salonika during the first world war, he joined Marconi's Wireless Telegraph Co. Ltd., and his work with that Company has been chiefly concerned with radio-wave propagation. During the second world war he was seconded to the Air Ministry. Among his outstanding achievements have been his prediction of the performance of short-wave services, including the enunciation of a theory of the diffraction of waves round the earth, taking into account the earth's resistance, and the application of phase-integral theory to propagation problems. By another method he produced a theory of propagation in the ionosphere, and his experiments in connection with the interpretation of random echoes from the ionosphere led him to his now well-known theory of scattering. He was also the first to employ the method of spaced frames to achieve a direction-finding system substantially free from polarization errors. Elected to the Royal Society in 1938; on four occasions he has received the Duddell Premium and he has also been awarded the Kelvin Premium of the Institution. He became a

Fellow of the American Institute of Radio Engineers in 1946. In 1951 the Council of the Institute of Electrical Engineers awarded him their Faraday Medal. Recreation: reading.

**EMERY, E. J., M.I.R.E., M.Brit.I.R.E.**
Managing Director, E.M.I. Sales and Service Ltd. Joined Marconi's Wireless Telegraph Co. Ltd. in 1916 and, as a wireless officer, travelled to many parts of the world. Subsequently became Service Manager of the Marconiphone Co. Ltd., and later assumed the management of the whole of the service activities of the E.M.I. Group. In 1946 was made responsible for the formation of E.M.I. Sales and Service Ltd. to co-ordinate the marketing and servicing of all domestic products of the Group for home and overseas distribution. His activities also include the establishment of relay networks and sound amplification installations. Is a Member of both the British and American Institutes of Radio Engineers.

**ENTWISTLE, Sir CYRIL FULLARD, Q.C., M.C., LL.B.**
Chairman of Directors of Decca Record Co. Ltd. and other companies. *b.* 23rd September 1887. Educated at Bolton School and Victoria University, Manchester. Served in 1914–8 war, was mentioned in dispatches, and awarded the Military Cross. Was called to the bar in 1919. He was Liberal M.P. for South West Hull, 1918–24, and Unionist M.P. for Bolton, 1931–45. Recreations: golf, painting, fly-fishing, and shooting.

**ERSKINE-HILL, Sir ROBERT**
Director of Coastal Radio Ltd. *b.* 6th February 1917. Address: Quothquhan Lodge, Biggar, Lanarkshire. Is a partner in the firm of Chiene and Tait, Chartered Accountants, Edinburgh. Was educated at Eton and Trinity College, Cambridge. Served 1939–45 in the R.N.V.R.

**FITTON, ROBERT NOEL**
Managing Director, Ambassador Radio. *b.* Brighouse, Yorkshire, 16th December 1911. Address: Holly Mount, Hipperholme, Halifax, Yorks. Phone: Halifax 69822. Educated at Hipperholme Grammar School. Founded the firm of Ambassador Radio some twenty-five years ago. Since that time the business has grown from a small works employing only one or two hands to a self-contained manufacturing unit employing over 300 people.

**FLETCHER, H. LYNTON**
Chairman of Association of Professional Recording Studios Ltd. *b.* Co. Dublin, 28th June 1903. Address: Recorded Sound Ltd., 6 Whitehorse Street, Piccadilly, London W.1. Private address: Authors' Club, London. Educated at Oundle and Dublin University (graduated M.A., English Literature and Psychology). Joined B.B.C. at Savoy Hill in 1926. Became B.B.C. Recorded Programmes Director. Left B.B.C. after the war and established two recording companies—Recorded Sound Ltd. and Talking Devices Ltd.—of both of which he is Chairman and Managing Director. Became Chairman of the Authors' Club in 1953. Lecturer and Consultant on Broadcasting and Public Speaking. Married; two children.

**FOUNTAIN, GUY R.**
Chairman and Governing Director, the Tannoy Group of Companies. One of the earliest pioneers of "radio from the mains," he designed and produced a tantalum alloy "eliminator," from which the "Tannoy" Trade Mark took its name. Founded the Tannoy organization in 1926 and has specialized in the development, design, manufacture, and installation of a variety of types of sound amplifying apparatus.

**FURNIVAL, JOHN MEGARY, M.B.E., A.F.R.Ae.S.**
General Manager, Marconi Instruments Ltd. *b.* Stoke-on-Trent, 1892. Address: 50 Lancaster Road, St. Albans. Phone: St. Albans 1695. Joined Marconi Engineering Department in 1919 after serving as Captain in the Royal Flying Corps and Royal Air Force, 1915–9 (Aircraft Radio Telephony). Was appointed General Manager of present firm in 1942. Club: Royal Aero.

**GAMAGE, LESLIE, M.A., M.C., F.C.I.S.**
Vice-Chairman of General Electric Co. Ltd. *b.* 5th May 1887. Educated at Marlborough, and Exeter College, Oxford. From 1910–4 trained for the law, gaining Honours in Solicitors' Final Examination. Served in 1914–8 war as Captain and Adjutant with the 24th London Regiment. Has been with the General Electric Co. Ltd. since 1919. Started as Secretary, then Director, General Manager, and Joint Managing Director.

**GARRINI, PETER JOHN**
Sales Manager (Domestic Division), Creators Ltd. *b.* Chiswick, London W.4, 13th July 1927. Address: 41 Methuen Road, Edgware, Middlesex. Phone: Edgware 3008. Served in the Navy from 1945 to 1947. Joined Sales Department of Rootes Ltd. in 1947; became Service Receptionist to Car Mart Ltd. in 1948. Was Advertisement Manager of *British Radio and Television* from

1951 to 1953; Director and Account Executive of Strand Publicity Ltd. from 1951 to 1953. Appointed to present post in February 1953.

**GARTHWAITE, ERNEST**
Chief Engineer, Marconi Instruments Ltd. *b.* Darlington, Durham, 16th December 1901. Address: 45 Beaumont Avenue, St. Albans. Educated at Portsmouth Technical College. Joined Marconi Company as a seagoing operator in 1918. Has been a member of the Instrument Company since its inception, and became Chief Engineer in 1950.

**GIBBONS, SIDNEY THOMAS**
Secretary, Electric and Musical Industries Ltd. Has been associated with the companies of the E.M.I. Group since 1916, having originally joined the Columbia Graphophone Company in charge of the general offices of the factory at Wandsworth. After a short break, during which he was Accountant to the Egyptian Government in the Sudan, he returned to Columbia and shortly afterwards became Works Accountant. Subsequently was engaged on reorganization work which included home and foreign internal auditing and travelled throughout Europe, visiting branches and subsidiary companies. On the formation of E.M.I. in 1931, he came to Hayes in charge of the Accounts Department, later becoming Assistant Secretary, and was appointed Secretary of Electric and Musical Industries Ltd. in 1952.

**GOLDSTAUB, HENRY HERBERT**
Managing Director, Electrothermal Engineering Limited, 270 Neville Road, Forest Gate, London E.7. *b.* Rostock, 6th October 1915. Address: 61 Mount Pleasant Road, Chigwell, Essex. Phone: Hainault 3876. Educated at Faraday House. 1937, Distributor Solis Manufacturing Company, Zurich; 1939, founded Electrothermal Engineering Limited; 1943, Founded Bendix and Herbert Limited.

**GRAY, GEORGE HENRY**
Director, Associated Electronic Engineers Ltd., Stanmore. *b.* Rochester, 9th December 1915. Address: 123 Vista Way, Kenton, Middlesex. Phone: Wordsworth 4418. Educated at Wainscott Council School, from whence he obtained a scholarship to Rochester Technical College. At the age of 16, joined W. Bryan Savage Ltd., and two years later was made foreman of their Transformer Department. In 1941 left and, with his fellow Directors, started above firm. Obtained present factory for war production purposes in 1942. Married Miss L. Creasey of Kenton in 1938; one son, Nigel, born 1950.

**GREIG, JOHN CAMERON McNEIL**
Secretary of Institute of Credit Management. *b.* London, 6th December 1919. Address: The Orchard, Whitmoor Common, Worplesdon, near Guildford. Phone: Worplesdon 290. Started training with De Havilland Aircraft Co. as a student but on outbreak of war joined Royal Corps of Signals. Commissioned in December 1940 and spent most of the war thereafter overseas. Awarded M.C. in Western Desert. Mentioned in dispatches, Europe. Demobilized with rank of Major. In July 1946 joined International Association for Promotion and Protection of Trade Ltd. as Assistant Secretary. Now also Deputy Secretary, Hire Purchase Trade Association; Secretary, Institute of Credit Management; Secretary, National Association of Toy Retailers. Married; five children. Hobbies: "Ham" radio (call G2FBU), gardening, and building (the latter more from necessity than choice).

**GRIDLEY, Sir ARNOLD BABB, K.B.E., M.I.E.E., M.P.**
Director of Ross, Courtney & Co. Ltd. *b.* 16th July 1878. Has been Conservative Member of Parliament for South Division of Stockport since 1950. From 1935–50 was Unionist Member of Parliament for Stockport. Is a Consulting Engineer and Director of many companies.

**GRIGG, Sir JAMES, K.C.B., K.C.S.I.**
Director of Westinghouse Brake and Signal Co. Ltd. and numerous other companies. *b.* Exmouth, 16th December 1890. Educated at Bournemouth School and St. John's College, Cambridge. Has been Director of National Provincial Bank since 1949. Was Permanent Under-Secretary of State for War, 1942–5, and also M.P. (Nationalist) for East Cardiff. Clubs: Athenæum and Beefsteak.

**HACKER, RONALD HARRY, M.B.E.**
Managing Director, Dynatron Radio Ltd. *b.* Reading, 5th April 1908. Address: "Merlins," Hardings Green, Cookham Dean, Berks. Phone: Marlow 981. Educated Maidenhead County Boys' School. At the age of only 19 founded, with his younger brother, A. G. Hacker, the Company which was known as H. Hacker and Sons, Maidenhead, and began to manufacture H.F. coils, transformers, battery eliminators, etc. In 1927 they produced the first mains-operated radio gramophone and called it the "Dynatron." They formed the present company —Dynatron Radio Ltd.—in 1936. At the outbreak of war the full capacity of the company was offered to the R.A.F. and during the war many important items of radar equipment were produced. Awarded the M.B.E. in 1944.

Married. Recreations: walking, climbing, and gardening.

**HALL, THOMAS H., M.Brit.I.R.E., M.S.R.E., M.Inst.B.E.**
Secretary, Society of Relay Engineers, and connected with Tom Hall of Kettering Ltd. *b.* Kettering, 15th November 1912. Address: The Crescent, Kettering. Phone: Kettering 2554. Was with Northants Newspapers Ltd. until 1933, during which time was regular contributor to technical radio Press. Entered Radio Relay industry in 1933, first at Kettering and later relay services in Northants and Leicestershire. Now controls extensive interests in Radio Relay, Radio and Television Retailing and Rental, and Electrical Contracting. Has been member of the National Council of the Relay Services Association of Great Britain continuously since 1938. Secretary of the Southern Area Relay Services Association of Great Britain since 1938. Founder Member, Society of Relay Engineers, and National Secretary of the Society since 1947. Editor of the *Proceedings of Society of Relay Engineers.* Founder Member of Radio Industries Club and Founder Member and Vice-President of Kettering Scientific Society. Married, with two sons.

**HARGREAVES, LAURENCE STUART**
Founder and Managing Director, Aerialite Ltd. *b.* Brecon, South Wales, 25th March 1902. Address: Swettenham Hall, near Congleton, Cheshire. Phone: Withington 230. Educated at Ardwick Central School, Manchester, and High School of Commerce. Apprenticed to Hans Reynolds; later held several positions on the selling side of the electrical trade. In 1932 founded Aerialite Ltd. from a small office in Shudehill, Manchester. Business rapidly developed and other businesses were opened in association with the company: Aycliffe Cables of Johannesburg, South Africa; Aycliffe Cables of Salisbury, Southern Rhodesia; and Nettle Accessories of Wythenshawe, Manchester, of which companies he is Chairman and Managing Director. Is a leader of free enterprise and serves on the Council of Aims of Industry. Farms 500 acres in Cheshire; President of Derbyshire Gritstone Sheep Society; on the Executive of the National Farmers Union and member of a City Livery Company. Takes a keen interest in politics.

**HARVEY, Air Commodore ARTHUR VERE, C.B.E., M.P.**
Director of Mullard Ltd. and other companies. *b.* 31st January 1906. Educated at Framlingham College. From 1925–30 served in the R.A.F. and qualified as flying instructor. During the war, commanded the 615 County of Surrey Squadron, and was twice mentioned in despatches. Has been Conservative Member of Parliament for Macclesfield Division of Cheshire since 1945.

**HAYES, Brig.-Gen. WADE HAMPTON, O.B.E.**
Director of Marconi Instruments Ltd., Marconi's Wireless Telegraph Co. Ltd. and Associated Companies, and Edmundson's Electric Co. Ltd. *b.* 12th May 1879. Educated at Norfolk Academy, Vancouver, and Columbia University. Was Sunday Editor of *New York Tribune,* 1908–14. Served in 1914–8 war, and organized and commanded American Squadron Home Guard from 1940–4.

**HOWARD, GODFREY**
Head of Radio and Television Division of Foote, Cone, and Belding Ltd. *b.* England, 27th January 1921. Address: Flat B, 78 Belsize Park Gardens, London N.W.3. Phone: Primrose 3223. Has written and produced many radio programmes in Great Britain and U.S.A., including the Ted Heath and Top Twenty series on Radio Luxembourg. Has also written plays for the B.B.C. and scripts for American TV. Was in charge of scripting commercials for the Douglas Fairbanks series of TV plays transmitted from New York.

**HOWE, GEORGE WILLIAM OSBORN, D.Sc. (Durham), Hon. D.Sc. (Adelaide), LL.D. (Glasgow), M.I.E.E.**
Technical Editor of *Wireless Engineer*, Iliffe Press. *b.* Charlton, Kent, 4th December 1875. Address: Lismore House, Kelvin Drive, Glasgow N.W. Phone: Maryhill 1128. Educated at Roan School, Greenwich, Armstrong College, Durham University. Started his career as an apprentice with Siemens Brothers, Woolwich, 1890–7. Became Electrical Engineer for Siemens-Schuckert, Berlin, 1900–2. Lecturer, Hull Technical College, 1903–5. Lecturer, 1905–9. From 1909–20 was an Assistant Professor at Imperial College of Science, South Kensington. National Physical Laboratory, 1920–1. Professor of Electrical Engineering at Glasgow University, 1921–46. Director of Mullard Radio Valve Co., and Philips Hamilton Works Limited.

**HOWELL, EDWIN CHARLES, A.M.Brit. I.R.E., A.I.E.E.**
Managing Director, Belcher (Radio Services) Ltd. *b.* Essex, 19th November 1899. Address: 17 Cedar Way, Langley, Bucks. Phone: Langley 246. Trained in power electrical engineering. Served in famous "Naval Eight" Squadron, R.N.A.S. in World War I. At the age of 21 was

in charge of the installation of several large power plants. Turned to radio and joined Marconi's Wireless Telegraph Co. Ltd., Chelmsford, at the beginning of broadcasting, later serving with other firms as Works Manager. His long experience of the trade prompted him to concentrate on Trade Service, and founded present firm in 1946. Patentee of several television aerials and author of many articles on reception problems. Hobbies: reading, interior decorating. Married and has five children.

**HUNTER, PHILIP VASSAR, C.B.E., Hon. M.I.E.E., F.A.I.E.E.**

Chartered Electrical Engineer; Director of Telegraph Condenser Co. Ltd. and numerous other electrical undertakings including the British Insulated Callender's Cables Ltd. *b.* Norfolk, 3rd August 1883. Address: Springhurst, Shirley Church Road, Addington, Surrey. Phone: Springpark 4383. Also Surrey House, Temple Place, London W.C.2. Phone: Temple Bar 7722. Educated at Wisbech Grammar School and studied at Faraday House. In 1903 became Assistant Engineer to late Robert Hammond, M.I.E.E., leaving in 1904 to join Merz and McLellan, Consulting Engineers. In 1919 joined Callender's Cable and Construction Co., of which firm he has been a Director since 1937. Served as Engineering Director to Experiments and Research Section of Anti-Submarine Division of the Naval Staff dealing with new methods of submarine location and destruction, 1915–8. Invented the Buoyant Cable for use against enemy magnetic mines, 1939. Past President, I.E.E., 1933; Fellow of American Institute of Electrical Engineers and Chairman of N.R.E.I.C. In 1952 was President of British Electrical Power Convention. Recreations: golf, shooting, and is President of the British Ice Hockey Association. Clubs: Athenæum, St. Stephens, and Savage. Is a member of the Royal Institution.

**IDDON, ERIC ST. PATRICK**

Managing Director, Argosy Radiovision Ltd., Barking. *b.* London, 17th March 1902. Address: 41 Glebe Avenue, Enfield. Phone: Enfield 0241. Educated privately and studied at the Telegraphy School of Marconi's Wireless Telegraph Co. Ltd. From 1916 until 1922 was employed by Marconi's in the Estimating and Ship Equipment Department, then served in the Merchant Navy as Radio Operator. From 1922–41 was Buyer and Manager of the Radio and TV Departments of Selfridge & Co. Ltd., William Whiteley Ltd., and John Barker & Co. Ltd. Joined the Royal Corps of Signals in 1941 and served with it until 1943. Afterwards was, for two years, in charge of factory engaged on repairing R.A.F. equipment. In 1946 appointed Managing Director of his present firm of which he is principal shareholder.

**INGRAM, Sir HERBERT, Bart.**

Chairman of Mycalex Co. Ltd. and many other companies. *b.* 26th September 1875. Educated at Winchester and Exeter College, Oxford (B.A.). Served in 1914–8 war as Lieut.-Commander in R.N.A.S., and Major in R.A.F. Recreation: fishing. Clubs: Bath and Lansdowne.

**INGRAM, MICHAEL WARREN**

Managing Director, Mycalex Co. Ltd. *b.* London, 20th June 1917. Address: Woolgatherers, Cirencester, Gloucestershire. Phone: Cirencester 293. Educated at Winchester and Balliol College, Oxford. Joined present firm in 1939. Served with the Forces 1939–45 leaving as Major in Grenadier Guards and returning to Mycalex in 1945. Became Managing Director, 1945. Is Justice of the Peace for County of Gloucester.

**JEFFERY, TOM RAYMOND**

Chief Engineer, Sky-Masts, Hammersmith. *b.* Kentish Town, 23rd July 1906. Address: "Didsmond," Littly Bushey Lane, Bushey, Herts. Phone: Bushey Heath 1179. First associations with radio as a "Ham" in 1921. Volunteered for A.F.S. during World War II and subsequent duties indicated that he possessed a head for heights. Later volunteered for Home Office "H.O.E.W.U." In April 1951 joined a London firm connected with aerial installations. Joined Sky-Masts in 1952. Future plans include ascending and erecting triple tubular self-supporting towers to heights of 150 feet.

**KAYE, J. B., M.A., A.M.I.E.E.**

Director and General Manager, Painton & Co. Ltd. Address: Wappenham, near Towcester, Northants. *b.* 23rd January 1902. Educated Ermysted's School, Skipton, and Christ's College, Cambridge. Was with the European Engineering Department of the International Standard Electric Corporation from 1923 to 1937, and in that year joined the Technical-Commercial Department of Philips Electrical Ltd., London. Became Head of that department in 1945 until 1950, when he joined his present firm. Married.

**KING, Lieut.-General Sir CHARLES JOHN STUART, K.B.E.**

Chairman of Directors, Baird Television Ltd. *b.* 13th October 1890. Address: Old Rectory, Brockley, Bury St. Edmunds. Educated at

Felsted School and R.M.A., Woolwich. Was commissioned as 2nd Lieutenant in the Royal Engineers in 1910. Mentioned in despatches in 1914–8 war, and was Engineer-in-Chief, War Office, 1941–4. Retired in 1946 with Hon. rank of Lieut.-General. Chairman of Festival Gardens Ltd., 1951.

**LYONS, PHILIP**
General Manager, London Electrical Manufacturing Co. Ltd., London. *b.* Twickenham, 16th March 1913. Address: 35 Exeter House, Putney Heath, S.W.15. Phone: Putney 4236. Educated in Cliftonville and on the Continent. Having had experience in other branches of the Radio Industry in an advisory capacity, he joined his present company in 1938.

**MacCABE, BRIAN FARMER**
Managing Director, Foote, Cone and Belding Limited. *b.* London, 9th January 1914. Address: Micklegate, Stratton Road, Beaconsfield, Bucks. Phone: Beaconsfield 365. Educated at Christ's College. Before the war was with C. R. Casson Limited, London Advertising Agency. Served as a Major in Tanks during the war in Western Desert, and awarded M.C. and Bar. Post-war was Advertising Manager for British Overseas Airways Corporation. Joined his present company in 1947 and was appointed Managing Director in 1948. In January 1953 was appointed Director. International athlete from 1935–9 and a finalist in the Berlin Olympic Games (800 metres) in 1936. Is a Fellow and Council Member of Institute of Incorporated Practitioners in Advertising, and Council Member of Advertising Association.

**MARKS, ARTHUR**
Managing Director, A.B. Metal Products Ltd., 16 Berkeley Street, London W.1. *b.* London, 7th January 1916. Address: 20 Dobree Avenue, London N.W.10. Phone: Willesden 0651. Educated London.

**MARTIN, GRAHAM HUNTER**
Managing Director of British Relay Wireless and Television Ltd. and Chairman and Managing Director of its subsidiaries. *b.* Blundellsands, Lancs, 11th December 1907. Address: Upton House, Caterham, Surrey. Phone: Caterham 3791. Spent eight years with the Imperial Tobacco Company until, in 1934, toured as Principal lead in Prince Littler's "White Horse Inn," Lupino Lane's "Twenty to One," and, at the Victoria Palace, London, in "Me and My Girl." Served abroad during war, chiefly on General Staff with rank of Major and with 21st Army Group in Europe. Has been Chairman of The Strolling Players (the oldest Amateur Dramatic Society in London) since 1945. Is Chairman of the Council of the Relay Services Association of Great Britain of which he has been a Council Member since 1946. Is a member of the Institute of Directors and of the Television Society.

**METCALFE, C., A.M.I.P.E.**
Managing Director, E.M.I. Engineering Development Ltd. Received his engineering training with a well-known firm in the North of England and was subsequently employed as a Design Engineer in the Engine Division of the Bristol Aeroplane Company. Joined the Gramophone Company as an Engineer in 1930. During 1935 was appointed Chief Draughtsman of the Design Section in the Production Engineering Division and from 1938 collaborated in the design of the Company's domestic products. During the war years was an Executive Engineer in the team responsible for the design of important Government projects. Was appointed a Director of his present Company in May 1946, and Managing Director in June 1953.

**MITCHELL, ARTHUR RICHARD**
Home Sales Manager, Philco (Great Britain) Ltd. *b.* Perth, Scotland, 22nd January 1900. Address: 92 Chinnor Crescent, Greenford, Middlesex. Phone: Waxlow 2906. Educated Perth. Became an ardent radio constructor in the very early days of radio and held an experimental licence. Started on a sales career with Philco in Scotland in 1932 and moved to London in 1934. Joined the Delco-Remy Division of General Motors Ltd. in 1934, and remained with this organization for fourteen years as Car Radio Manager, Chief Buyer, and Sales Development Manager. Joined Philco (Great Britain) Ltd. in January 1949 as General Manager and became Home Sales Manager on amalgamation with Philco (Overseas) Ltd. Is a Philco "Ancient Mariner."

**MITTELL, B. E. G., M.I.E.E.**
Managing Director, E.M.I. Studios Ltd. Received his technical training with Johnson and Phillips Ltd., the Woolwich Polytechnic, and the Manchester School of Technology, gaining the silver medal of the City and Guilds Institute of London. After war service in Gallipoli in 1915, and in the Wireless Section of the Royal Engineers, he became London Manager for C. F. Elwell, the well-known Australian-born Wireless Communications Engineer. Joined the Gramophone Co. Ltd. in 1923 and initiated that company's development and research on the electrical and radio side, and was later appointed

Managing Director of E.M.I. Studios Ltd. Has an extensive knowledge of the technical, artistic, musical, and commercial aspects of gramophone recording.

**NEILL, Colonel FREDERICK AUSTIN, C.B.E., D.S.O., T.D., D.L., J.P.**
Director of James Neill & Co. (Sheffield) Ltd. Served in the 1914–8 war, was mentioned in despatches four times and awarded the D.S.O., Croix de Guerre, and the 1914 Star.

**NELSON, Sir GEORGE H., F.C.G.I., M.I.Mech.E., M.I.E.E., F.R.S.A.**
Chairman of Directors of Marconi Instruments Ltd., Marconi International Marine Communication Co. Ltd., and Marconi's Wireless Telegraph Co. Ltd. *b.* London, 1887. Address: The New Hough, Stafford. Educated at City and Guilds Technical College, London. Is Director of Marconi Television Co. Ltd. Has published a number of Papers on such topics as Train Lighting, Works Organization, Trade After the War, Increased Production, and Private Enterprise. Clubs: Athenæum, Carlton, Junior Carlton, Hurlingham, Royal Thames Yacht.

**NUTTING, ARTHUR RONALD STANSMORE, O.B.E., M.C.**
Chairman of Directors, Westinghouse Brake and Signal Co. Ltd. *b.* 3rd March 1888. Educated at Eton, and Trinity Hall, Cambridge (B.A.). Was Governor of Bank of Ireland from 1926–30. Recreation: fishing. Clubs: Guards, White's, and Royal Automobile.

**ODELL, LESLIE FRANK**
Managing Director, Baird Television Ltd. *b.* Herne Hill, London S.E.24, 14th December 1906. Address: "Ranpura," 18 Monks Road, Banstead, Surrey. Phone: Burgh Heath 2153.

**PARR, GEOFFREY**
Editor of *Electronic Engineering*. *b.* Muswell Hill, N.10, 29th December 1899. Address: 68 Compton Road, N.21. Phone: Laburnum 4123. Educated Redhill, and Finsbury Technical College. Honorary Secretary, Television Society since 1937. Chartered Electrical Engineer. After serving in Royal Navy during 1914–8 war and short period of research at Signal School, joined the staff of Finsbury Technical College as Lecturer. From 1926 to 1940 was with the Edison Swan Company as Radio Valve Engineer and left to become Editor of *Electronic Engineering*. Appointed Technical Director of Chapman and Hall in 1949, his present position. Married, one son. Author of numerous articles on radio and television and a book on the cathode-ray tube. Member of the Royal Institution, Hon. Member of the Electroencephalographic Society, Fellow of the British Kinematograph Society, and member of numerous other scientific societies. Spare time given to television and general scientific subjects.

**PERKS, F. W.**
Sales Director, E.M.I. Sales and Service Ltd. Has been connected with the radio industry for nearly forty years, having joined Marconi's Wireless Telegraph Co. Ltd. in 1914. Has been in turn Sales Manager of the Marconiphone Co. Ltd., Columbia Graphophone Co. Ltd., and the Gramophone Co. Ltd. Is now a Director and General Sales Manager of E.M.I. Sales and Service Ltd. and a Director of E.M.I. Relays (Hayes) Ltd. and E.M.I. Relays (Uxbridge) Ltd. Has also been Chairman of the R.I.C. Exhibition Organizing Committee since 1946.

**PONSONBY, Colonel CHARLES EDWARD, T.D., D.L.**
Director of Standard Telephones and Cables Ltd. and other companies. *b.* 2nd September 1879. Address: Woodleys, Woodstock, Oxfordshire. Educated at Eton and Balliol College, Oxford (B.A.). Served during 1914–8 war and was Private Secretary to Secretary of State for War, and Secretary of State for Foreign Affairs, 1940–5. Club: Brooks's.

**RAILING, Sir HARRY**
Chairman of Directors, General Electric Co. Ltd. *b.* 10th December 1878. Educated at Munich University (Doctor of Engineering). Is Vice-President of Engineering and Allied Employers' National Federation.

**RAMSDEN, Rt. Hon. Lord, O.B.E., J.P.**
Director of British Insulated Callender's Cables Ltd. *b.* 2nd February 1883. Address: The Wheatleys, Gomersal, near Leeds. Educated in England, France, and Germany. Has travelled extensively in U.S.A., Europe, S. America, West Indies, China, Japan, etc. Served in 1914–8 war; mentioned in despatches. Was M.P. (Unionist) for Bradford North, 1924–9 and 1931–45.

**RANK, J. ARTHUR, J.P.**
Chairman of Directors, Bush Radio Ltd., G.B. Equipments Ltd., Joseph Rank Ltd., Gaumont British Picture Corporation Ltd., J. Arthur Rank Organization Ltd., and many other companies. *b.* 23rd December 1888. Educated at Leys School, Cambridge. Has broadcast from time to time and appeared on television.

**REDPATH, ADAM**

Managing Director, Coastal Radio Ltd. *b.* Soutra Farm, Midlothian, 10th December 1897. Address: 87 Belgrave Road, Edinburgh 12. Phone: Corstorphine 67901. Educated Drumelzier and Glasgow. Was with the Marconi International Marine Communication Co. Ltd. for eleven and a half years as a sea-going Radio Officer, mostly on tramp steamers trading all over the world. With a few friends, he formed the present Company in 1935 with the object of manufacturing and fitting low-power radio telephony installations in the smallest types of sea-going craft. Married in the same year that the Company was formed and has one son.

**RENWICK, Sir ROBERT, Bart., K.B.E.**

Chairman, British Relay Wireless and Television Ltd. and other companies. *b.* 4th October 1904. Educated at Eton and Trinity College, Oxford. Was Controller of Communications with the Air Ministry, 1942–5, and also Controller of Communications Equipment.

**RICHMOND, FRANK STILLWELL**

Deputy Managing Director, A. H. Hunt (Capacitors) Ltd., Bendon Valley, Wandsworth, London S.W.18. *b.* London, 28th February 1898. Address: 51 Victoria Drive, London S.W.19. Phone: Putney 5173. Served with H.M. Forces, 1915–9. Joined motor industry in 1919 and transferred to radio in 1922 in connection with wholesaling. Between then and when he joined A. H. Hunt, in 1928, was connected with retailing, manufacturing, and importing radio goods. Joined Hunt's as a traveller on the East London territory. Sales direction is his basic responsibility with the company, apart from administration.

**ROBINSON, FREDERICK HENRY**

Radio and Electrical Editor, Odhams Press Limited. *b.* Twickenham, Middlesex, 1900. Address: 73 Woodlands Avenue, Coombe, New Malden, Surrey. Phone: Malden 5750. Served in the Merchant Service as Wireless Operator in 1916 for six years. In 1922, joined his present company, to found and edit *The Broadcaster* (now entitled *Electrical and Radio Trading*). From 1941 served in the R.A.F. Intelligence Section Coastal Command. Four years later released with rank of Squadron-Leader and rejoined Odhams Press Limited. Is the Hon. Secretary of the Radio Industry Golfing Society, which he helped to found in 1937. Hon. Social Secretary of the Radio Industries Club and a Companion of the British Institution of Radio Engineers. Married with two sons.

**ROGER, Sir ALEXANDER, K.C.I.E.**

Chairman of British Insulated Callender's Cables Ltd. and numerous other companies. *b.* 30th January 1878. Address: Binfield Lodge, Binfield, Berks. Educated at Robert Gordon's College, Aberdeen. Was Director of Motor Ambulance Department, British Red Cross Society, 1914–5; Director-General, Trench Warfare Supply Department, Ministry of Munitions, 1915–7; and Member of Council, Ministry of Reconstruction, 1917–8. Was Chairman of Tank Board, 1940, and of Ministry of Supply Mission to India, South Africa, etc., 1940–1.

**ROUND, Captain HENRY JOSEPH**

Consulting Engineer. *b.* Stourbridge, Worcs, 2nd June 1881. Address: 88 Lyonsdown Road, New Barnet. Phone: Barnet 5222. Educated at Cheltenham Grammar School and Royal College of Science. Was a Royal Exhibitioner, 1899, to Royal College of Science, and later studied for one year at City and Guilds. In 1902 joined Marconi's Wireless Telegraph Co. Ltd., and the same year transferred to Marconi's Wireless Telegraph Co. of America. In 1906 spent year with Bell Telephone Co., New York. Returned to England in 1907. Spent several years with Marconi personally, including his voyages to Canada and the Argentine. During first world war initiated direction finding. In 1919, erected first high power radio telephony station in England, at Chelmsford, with which the historic broadcasts of the voices of Melba and Melchior were made in 1920. Has many inventions and patents in radio, cinematography, and sound recording to his credit; and more recently in the underwater supersonic fields of research.

**SCOBIE, Lieutenant-General Sir RONALD MACKENZIE, K.B.E.**

Director of British Insulated Callender's Cables Ltd. and of other Cable companies. *b.* 8th June 1893. Educated at Cheltenham and R.M.A., Woolwich. Was commissioned as 2nd Lieutenant in the Royal Engineers, 1914. Served in the 1914–8 and 1939–45 wars and was mentioned in despatches several times. Was created K.B.E. in 1945.

**SHOENBERG, I., M.I.E.E.**

Is an engineer and scientist of Russian origin who settled in England and became a British subject in 1915. Was scientific adviser and chief of the Patents Department of Marconi's Wireless Telegraph Co. Ltd. from 1915 to 1928; transferred to the Columbia Graphophone Co. Ltd. in 1928 and, on the formation of E.M.I. Ltd. in 1931, took charge of the research and patents activities of the company. Was responsible for the development of the television transmission system adopted by the B.B.C. in 1936.

**SLADE, HECTOR VAUGHAN, M.B.E., T.D., A.M.I.Mech.E.**
Deputy Managing Director, Garrard Engineering and Manufacturing Co. Ltd. *b.* Redhill, Surrey, 11th January 1917. Address: "Westlecott House," Ogbourne St. George, Marlborough, Wilts. Phone: Ogbourne St. George 252. Educated at Mill Hill School, and, on leaving there in the middle 'thirties, started an apprenticeship with his present firm. Prior to the war his activities were concerned entirely with the engineering and design side of the Company's business. Received a commission in the Territorial Army in 1937 and was called up for military service in August 1939. Throughout the war was involved in the repair organisation in the Army and was transferred to the R.E.M.E. on its formation, where he ultimately reached the rank of Lieut.-Colonel. After the invasion of Europe in 1944, returned from Germany to take up a post in the British Military Mission to Belgium. On demobilization was appointed Assistant Managing Director of his present Company and since then has concentrated particularly on new design features and sales progression. Is now Vice-President of the Radio and Electronic Component Manufacturers' Federation, having been Chairman in 1952. Is also on the Executive Council of the Radio Industry.

**SMITH, Admiral Sir AUBREY CLARE HUGH, K.C.V.O., K.B.E., C.B.**
Director of Standard Telephones and Cables Ltd. *b.* 22nd September 1872. Address: Iden Cottage, Rye, Sussex. Entered the Navy in 1885. Retired in 1930. Club: Brooks's.

**SMOUT, Sir ARTHUR JOHN GRIFFITHS, J.P.**
Director of Murex Ltd. and other companies. *b.* 18th November 1888. Address: Metchley, Moseley, Birmingham. Was formerly Director-General of Ammunition Production, Ministry of Supply.

**SPAGNOLETTI, PHILIP HYLTON, B.A., M.I.E.E., A.M.I.R.E.**
Director and General Manager, Kolster-Brandes Ltd. *b.* London, 8th June 1906. Graduated at Trinity College, Cambridge, then joined Standard Telephones and Cables Ltd. in 1929. First worked in an engineering capacity on the high power short wave transmitters on the Transatlantic Telephone Link and Ship-to-Shore Transmitters. In 1932 was put in charge of planning, installation, and testing the first two Daventry Empire Broadcasting Stations. In 1934 went to Far East to assist in establishing telephone circuits between Shanghai, Tokio, London, and New York. Returned to Europe in 1937 and travelled considerably in connection with technical sales on civil aviation radio. During the war was in charge of aviation development work in Radio Division, S.T.C., and in 1945 was appointed Chief Engineer of present firm. Later became General Manager, and elected a Director in 1951.

**SPENCER, Sir THOMAS GEORGE, M.I.E.E., M.I.P.E.**
Chairman and Managing Director of Standard Telephones and Cables Ltd. Chairman of Kolster-Brandes Ltd., International Marine Radio Co. Ltd., and many other companies. *b.* 1888. Educated at Polytechnic and Royal Ordnance School, Woolwich. Was Founder and first Chairman of Telecommunication Engineering and Manufacturing Association. Recreation: golf. Club: East India and Sports.

**STANIER, CLEMENT, A.C.I.S., F.I.A.C.**
Secretary and Accountant, Marconi Instruments Ltd. *b.* Birmingham, 1898. Address: 272 Hatfield Road, St. Albans. Phone: St. Albans 5043. Served with Honourable Artillery Company from 1917 to 1919. Joined Western Electric Co. Ltd. in 1920; Marconi's Wireless Telegraph Co. Ltd. in 1931. Appointed Accountant of present firm in April 1942, and Secretary and Accountant in March 1948.

**STANIER, Sir WILLIAM ARTHUR, F.R.S., M.I.Mech.E.**
Director of Garrard Engineering and Manufacturing Co. Ltd. *b.* 27th May 1876. Educated at Wycliffe College, Stonehouse, Glos. Is Chairman of Power Jets (Research and Development) Ltd.; Industrial Gas Turbine Committee, Ministry of Supply, and President of Production Engineers Research Association.

**STANLEY, CHARLES ORR, C.B.E.**
Chairman of Directors, Pye Ltd., and British Relay Wireless and Television Ltd. *b.* 15th April 1899. Educated at Bishop Foy School, Waterford and City and Guilds, Finsbury. 1917–8 in the R.F.C. In 1922 became a Civil Engineer.

**STEVENSON, J. B., M.B.E., M.I.P.E.**
Managing Director, E.M.I. Factories Ltd. Has been associated with the companies in the E.M.I. Group since 1930. Starting in the Drawing Office, he transferred to the factory in 1934 in charge of the Domestic Appliance

Drawing Office and Production. Was Works Manager during the war years and became a director of E.M.I. Factories Ltd. in 1947. Awarded the M.B.E. in the 1950 New Year Honours List for his services to the industry.

**THEAKSTON, JOHN HUNT**

Proprietor of Sky-Masts. *b.* York, 4th September 1905. Address: 7 Arlington Mansions, Chiswick, London W.4. Phone: Chiswick 7784. Educated at Trent College, Derbyshire. Says that misguided parental influence ignored natural engineering tendencies—suggested accountancy but engineering urge soon asserted itself. The advent of business radio on V.H.F. with the pressing need of high aerials presented itself as a challenge with the necessity of erecting dipoles to heights in excess of 100 feet at an economical figure. Solved this problem and Sky-Masts was born in 1950.

**TRAVIS, GEORGE FRANCIS**

Director and Sales Manager, Connollys (Blackley) Limited, Manchester 9. *b.* Harrow, Middlesex, 31st August 1915. Address: 22 Cambridge Road, Southport. Phone: Southport 56096. Educated at Clifton College, Bristol. Trainee, British Insulated Cables Limited, from 1934–7. Joined his present firm as Sales Manager in 1938, and appointed Director in 1950.

**TREGENZA, ERNEST TUTIN, M.Eng., M.I.E.E.**

Managing Director, Morganite Resistors Limited (subsidiary of The Morgan Crucible Co. Ltd.), Bede Trading Estate, Jarrow, Co. Durham. *b.* Wallasey, 1904. Address: 257 Sunderland Road, South Shields, Co. Durham. Phone: South Shields 1978. Educated at Wallasey Grammar School and Liverpool University. Became an engineer with British-Thomson-Houston Co. Ltd., Coventry. Joined The Morgan Crucible Company Limited, Battersea, in the Technical Sales section, later became Departmental Manager, before being appointed to his present position.

**TREWMAN, H. F., M.A. (Cantab.), M.I.E.E., M.I.Mech.E, M.Brit.I.R.E.**

Principal and Managing Director, E.M.I. Institutes Ltd. Educated at Merchant Taylors' School and Emmanuel College, Cambridge. After qualifying for membership of the Institution of Electrical Engineers and the Institute of Mechanical Engineers, became professor of electrical and mechanical engineering at the Military College of Science, and in 1939 was appointed Technical Adviser to the armaments inspection department, then in charge of production and development of electronic equipment. Immediately after the end of the war he joined the E.M.I. Group and was appointed Principal of E.M.I. Institutes to undertake the provision of training facilities in all aspects of electronics throughout the world.

**VEEVERS, JOHN FOSTER**

Managing Director, Peto Scott Electrical Instruments Ltd. *b.* Northfleet, Kent, 8th March 1908. Address: Trees, Southfield Place, Weybridge, Surrey. Phone: Weybridge 4416. Educated at Palmers School, Grays. After a general engineering training entered the Radio Industry in the late twenties, working initially on the development side but gradually tending towards production. At the age of 27 was appointed Chief Engineer of a radio company, becoming Production Engineer and later Manager of an electronic engineering works. During these years, continued studies on both electronic and general engineering and became Member of the Institution of Electrical Engineers, the Institution of Production Engineers and, as interest increased on administration side, a member of the Institute of Industrial Administration. On this side specialized in vocational studies, particularly employee/employer relations. Appointed General Manager of the Plessey Company Ltd., Swindon and recently joined his present firm as Managing Director. Interested in many sports including tennis, badminton, golf and motor racing.

**VULLIAMY, Major-Gen. COLWYN HENRY HUGHES, C.B., D.S.O.**

Director of Standard Telephones and Cables Ltd. *b.* 22nd April 1894. Address: Dunimarle, Dunmow Hill, Fleet, Hants. Educated at Cheltenham College and Royal Military Academy, Woolwich. Was commissioned in the Royal Engineers, 1913, and transferred to Royal Signals in 1926. Served in 1914–8 war and was mentioned in despatches three times. Also served in 1939–45 war and was again mentioned in despatches and awarded the D.S.O. Was Director of Signals at the War Office, 1946. Retired in 1949. Recreations: lawn tennis and golf. Club: Junior United Service.

**WALKER, ALEXANDER JOHN**

Managing Director of Alex. J. Walker (Wembley) Ltd. and of National Sound Reproducers and their associated Companies. *b.* Chingford, 17th June 1912. Address: 17 Keswick Gardens, Wembley, Middlesex. Phone: Wembley 5835. Educated at Highams Park Boys' School; Walthamstow Technical College. In 1930 started business in Electronics, Sound Reproduction, etc. In 1940 closed business to join

Royal Artillery and was given charge of sound film training and camp broadcasting service. Awarded Meritorious Service Award for sound services in connection with Army Charity Events. On demobilization, in 1946, started Public Address business and this is now the largest sound Equipment Hire Engineering business in London. Founded Association of Public Address Engineers, 1948; Secretary, 1949; Vice-President, 1953. Resigned from Wembley Borough Council, 1952, owing to pressure of work. Interested in Road Safety problems. Married; two sons.

**WHITE, THOMAS HERMAN**
Sales Manager, Cosmocord Limited. *b.* Manchester, 1903. Address: 1696 Great Cambridge Road, Enfield, Middlesex. Phone: Waltham Cross 3478. Has been associated with the Radio Industry since 1926.

**WHITELEY, ALFRED HAROLD, M.B.E.**
Managing Director, Whiteley Electrical Radio Co. Ltd. *b.* Wakefield, Yorks, 15th June 1893. Address: Greenways, High Oakham Road, Mansfield. Phone: Mansfield 509. Educated Wakefield, Yorks. Apprenticed as an Engineer. Held appointments in Madagascar, Argentine and Brazil. Entered the radio industry in 1924, formed the Whiteley Electrical Radio Co. Ltd., in 1926. Founder Director of Marrison & Catherall Ltd., Sheffield, and Ross Foundry Ltd., Killamarsh, Sheffield.

**WHITELEY, PETER BOOTHAWAY**
Director and General Manager, Whiteley Electrical Radio Co. Ltd., Mansfield, Nottinghamshire. *b.* Liverpool, 22nd April 1925. Address: Stoneleigh, Crow Hill, Mansfield, Nottingham. Phone: Mansfield 2860. Educated at Worksop College and Nottingham University. Served four years in the Royal Navy during Second World War. After the war joined Ross Foundry Limited. Later joined the staff of Marrison & Catherall, of Sheffield, manufacturers of permanent magnets. In 1949 he joined his present Company. Married with two children.

**WILKINSON, BRUCE, B.E., A.M.I.E.(Aust.)**
Managing Director, Electronic Tubes Ltd., High Wycombe. Was with Amalgamated Wireless Australasia Ltd. for sixteen years, and for some of this period was in control of the Research Laboratories at the Ashfield Works of A.W.A. During World War II was in charge of the Marine Engineering Department of his company and was responsible for the installation and maintenance of refrigerating machinery and air-conditioning plant in ships of the British, Australian and Allied fleets in the S.E. Pacific. Came to this country in 1946 and became Commercial Director of E.M.I. Factories Ltd., and was appointed Managing Director of Electronic Tubes Ltd. in December, 1950.

**WILLIAMS, DERICK**
Managing Director and Producer-Director of Derick Williams Productions Ltd. *b.* Nottingham, 11th April 1906. Address of firm: Charter House, 52 Gloucester Place, London W.1. Phone: Welbeck 3521. Educated at Brighton College and Nottingham University. Formerly Director of Photography since 1930. During 1953 produced a series for American TV entitled "Strange Experiences."

**WOODS, Sir JOHN, G.C.B., M.V.O.**
Director of Marconi's Wireless Telegraph Co. Ltd. *b.* 20th April 1895. Educated at Christ's Hospital and Balliol College, Oxford. Served as Lieut. in 1914–8 war. Was Permanent Secretary of Ministry of Production, 1943–5, of Board of Trade, 1945–51, and member of Economic Planning Board, from 1947–51, when he retired.

**WRIGHT, GEORGE MAURICE, C.B.E., B.Eng., M.I.E.E.**
Engineer-in-Chief, Marconi's Wireless Telegraph Co. Ltd. *b.* 1890. Educated at Sheffield University. Joined his present Company in 1912 and was appointed to the Research Department. During World War I was granted a temporary commission in the R.N.V.R. to undertake work in direction-finding and other special duties, returning to the company in 1919 in charge of direction-finding research work. Was appointed Deputy Chief of Research in 1928 and was largely concerned in the development of facsimile telegraphy. In 1939 he joined the Admiralty and became Chief Scientist at the Admiralty Signal Establishment, a position he held until October 1946, when he returned to the Company as Engineer-in-Chief. In November 1948, was appointed a Member of the Radio Research Board of the Department of Scientific and Industrial Research.

**WRIGHT, Sir JOHNSTONE, M.I.C.E., M.I.E.E.**
Director of Telegraph Condenser Co. Ltd. *b.* 22nd January 1883. Educated at Perth Academy and Royal Technical College, Glasgow. Was member of Fuel Research Board, 1944–7. Recreation: golf. Club: Athenæum.

## FIRMS SECTION THREE

# TRADE ORGANISATIONS

| Name and Address | Telephone No. | Secretary |
|---|---|---|
| **Accumulator Makers' Association.**<br>66 Victoria Street, London S.W.1. | Victoria 2853. | F. C. Vine. |
| **Association of Manufacturers of Electrical Wiring Accessories.**<br>Kingsway House, 103 Kingsway, London W.C.2. | Holborn 0502. | W. E. Babb. |
| **Association of Professional Recording Studios.**<br>14 Wynchgate, Harrow Weald, Middlesex. | Grimsdyke 101. | M. K. Howells (General Secretary). |
| **Association of Public Address Engineers.**<br>394 Northolt Road, South Harrow, Middlesex. | Byron 4825. | Alex J. Walker (Hon. Secretary). |
| **Association of Radio Battery Manufacturers.**<br>Gordon Square, London W.C.1. | Euston 1629. | Hamish Kirkwood (Director and Secretary). |
| **British Electrical and Allied Manufacturers' Association (Inc.).**<br>36 Kingsway, London W.C.2. | Holborn 0502. | James Oldroyd, T.D., M.A., F.C.I.S. |
| **British Electrical Development Association.**<br>2 Savoy Hill, London W.C.2. | Temple Bar 9434. | V. W. Dale, Comp.I.E.E. (General Manager and Secretary). |
| **British Institution of Radio Engineers.**<br>9 Bedford Square, London W.C.1. | Museum 1901–3. | G. D. Clifford, F.C.C.S. (General Sec.) |
| **British Plastics Federation.**<br>47–48 Piccadilly, London W.1. | Regent 4681–2. | Dr. W. E. de B. Diamond, M.A., F.R.I.C., F.C.I.S. |
| **British Radio Cabinet Manufacturers' Association.**<br>69 Cannon Street, London E.C.4. | City 4444. | B. G. Arthur, C.B.E. |
| **British Radio Equipment Manufacturers' Association.**<br>59 Russell Square, London W.C.1. | Museum 6901–5. | S. E. Allchurch, O.B.E. |
| **British Radio Valve Manufacturers' Association.**<br>Piccadilly House, 16 Jermyn Street, London S.W.1. | Regent 5186. | W. R. West. |
| **British "Wireless for the Blind" Fund.**<br>224 Great Portland Street, London W.1. | Euston 5251. | J. C. Colligan. |
| **Council of Retail Distributors, British.**<br>1–3 Holborn Circus, London E.C.1. | Central 1817. | George W. Dean (General Secretary). |
| **Electrical Industries Benevolent Association.**<br>32 Old Burlington Street, London W.1. | Regent 5788. | H. Senior Fothergill. |
| **Federation of British Industries.**<br>21 Tothill Street, London S.W.1. | Whitehall 6711. | D. L. Walker, C.B.E. |
| **Federation of Chambers of Commerce of the British Empire.**<br>69 Cannon Street, London E.C.4. | City 4444. | A. de V. Leigh, M.B.E., M.A. |
| **Federation of Irish Radio Manufacturers and Traders.**<br>39–41 Dame Street, Dublin C.1, Eire. | Dublin 77081. | N. F. Buggy. |

| Name and Address | Telephone No. | Secretary |
|---|---|---|
| **Guild of Radio Service Engineers.**<br>2 Stevenson Street West, Accrington, Lancs. | Accrington 4904. | H. Hill (General Secretary). |
| **Hire Purchase Trade Association.**<br>3 Berners Street, London W.1. | Museum 7662. | C. C. Worters. |
| **Institute of Credit Management.**<br>3 Berners Street, London W.1. | Museum 7564. | C. McNeil Greig. |
| **Institution of Electrical Engineers.**<br>Savoy Place, London W.C.2. | Temple Bar 7676. | W. K. Brasher, C.B.E., M.A., M.I.E.E. |
| **Midlands Radio Industry Golfing Society.**<br>100 Aston Road, Birmingham 6. | Aston Cross 2595. | A. R. A. Wood (Hon. Secretary). |
| **National Chamber of Trade.**<br>3 Hyde Park Place, London W.2. | Ambassador 3061. | Frank Gratwick. |
| **National Union of Manufacturers.**<br>6 Holborn Viaduct, London E.C.1. | City 6031. | Sir Leonard Browett, K.C.B., C.B.E. (Director). |
| **Newcastle and District Radio Trades Social Club.**<br>48–52 Blackett Street, Newcastle upon Tyne 1. | Newcastle 24137. | S. Fenwick (Hon. Secretary). |
| **Northern Ireland Radio Retailers' Association.**<br>20 Victoria Street, Belfast. | Belfast 26631 and 21109. | J. Keery (General Secretary). |
| **Performing Rights Society Ltd.**<br>33 Margaret Street, London W.1. | Langham 3864. | W. Grice. |
| **Phonographic Performance Ltd.**<br>144 Wigmore Street, London W.1. | Welbeck 2231 and 2240. | S. T. Fassnidge, A.I.A.C. |
| **Portable Accumulator Makers' Association.**<br>66 Victoria Street, London S.W.1. | Victoria 2853. | F. C. Vine. |
| **Radio Communication and Electronic Engineering Association.**<br>11 Green Street, Mayfair, London W.1. | Mayfair 7874–5. | S. N. Christie. |
| **Radio and Electrical Trades' Guardian Association Ltd.**<br>Walter House, 418–422 Strand, London W.C.2. | Temple Bar 3613. | W. Walker and A. W. Hunter. |
| **Radio and Electronic Component Manufacturers' Federation.**<br>22 Surrey Street, Strand, London W.C.2. | Temple Bar 6740. | W. T. Ash. |
| **Radio Industries Club.**<br>Dorset House, Stamford Street, London S.E.1. | Waterloo 3333 (Ext. 159). | W. E. Miller (Hon. Secretary). |
| Acre House, Long Acre, London W.C.2. | Temple Bar 1200 (Ext. 456). | F. H. Robinson (Hon. Social Sec.). |
| **Radio Industries Club of Ireland.**<br>67 Grafton Street, Dublin. | | J. J. McCann. |
| **Radio Industries Club (Manchester Area).**<br>40 Brazenose Street, Manchester. | Deansgate 4553. | H. G. Orrell (Hon. Secretary). |
| **Radio Industries Club of Merseyside.**<br>Barclays Bank Buildings, Water Street, Liverpool 2. | Central 2481. | J. H. Hilton (Hon. Secretary). |

| Name and Address | Telephone No. | Secretary |
|---|---|---|
| **Radio Industries Club of the Midlands.**<br>153a Corporation Street, Birmingham 4. | | R. J. Poolman (Hon. Secretary). |
| **Radio Industries Club of Scotland.**<br>149 West George Street, Glasgow C.2. | Central 6933. | A. J. Couper (Hon. Secretary). |
| **Radio Industries Club of Yorkshire.**<br>c/o The Ever Ready Co. (G.B.) Ltd., Whitehall Road, Leeds 12. | Leeds 33344. | F. Taylor (Hon. Secretary). |
| **Radio Industry Council.**<br>59 Russell Square, London W.C.1. | Museum 6901–5. | Vice-Admiral J. W. S. Dorling, C.B., M.I.E.E. (Director).<br>R. P. Browne, O.B.E., B.SC. |
| **Radio Industry Golfing Society.**<br>Acre House, Long Acre, London W.C.2. | Temple Bar 1200 (Ext. 456). | F. H. Robinson (Hon. Secretary). |
| **Radio Society of Great Britain (Inc.).**<br>New Ruskin House, Little Russell Street, London W.C.1. | Holborn 7373. | John Clarricoats (General Secretary and Editor). |
| **Radio and Television Retailers' Association (R.T.R.A.) Ltd.**<br>26 Fitzroy Square, London W.1. | Euston 2662. | H. A. Curtis, F.C.I.S. (Director and Secretary). |
| **Radio and Television Trade Federation.**<br>26 Fitzroy Square, London W.1. | Euston 2662. | H. A. Curtis, F.C.I.S. |
| **Radio Trades Examination Board.**<br>9 Bedford Square, London W.C.1. | Museum 1901–3. | G. D. Clifford, F.C.C.S. |
| **Radio Wholesalers' Federation.**<br>58 Gordon Square, London W.C.1. | Museum 3185. | C. Horton, M.C., F.C.C.S. |
| **Register of Radio and Television Retailers Ltd.**<br>Fitzroy Square, London W.1. | Euston 2662. | H. A. Curtis, F.C.I.S. |
| **Relay Services' Association of Great Britain.**<br>Hanover Square, London W.1. | Grosvenor 2127. | H. Evans, A.C.I.S. |
| **School Broadcasting Council for the United Kingdom.**<br>55 Portland Place, London W.1. | Welbeck 2801. | R. C. Steel. |
| **Scientific Instrument Manufacturers' Association of Great Britain Ltd.**<br>20 Queen Anne Street, London W.1. | Langham 4251. | A. G. Peacock, B.SC., A.R.I.C., A.Inst.P. |
| **Scottish Radio Retailers' Association.**<br>4 Forres Street, Edinburgh 3. | Central 6353. | Robert Burnett, C.A. |
| **Society of Relay Engineers.**<br>24–25 Market Street, Kettering. | Kettering 3422. | T. H. Hall, M.S.R.E., M.Brit.I.R.E., M.Inst.B.E. |
| **Television Society.**<br>164 Shaftesbury Avenue, London W.C.2. | Temple Bar 3330. | G. Parr (Hon. Secretary).<br>G. T. Clack (Hon. Lecture Sec.). |
| **Wireless Dealers' Association.**<br>67 Grafton Street, Dublin. | Dublin 73531–2. | J. J. McCann. |

## FIRMS SECTION FOUR

# MANUFACTURERS OF COMPONENTS AND ACCESSORIES

| Name | Address | Telephone No. |
|---|---|---|
| A. B. Metal Products Ltd. | 16 Berkeley Street, London W.1. | Grosvenor 5206. |
| A.B.C.D. (Plastics) Ltd. | 32 York Way, King's Cross, N.1. | Terminus 8332. |
| | 22–24 Geach Street, Birmingham 19. | Aston Cross 1823. |
| A.C.S. Radio. | 44 Widmore Road, Bromley, Kent. | Ravensbourne 0156. |
| A.S.I.C.O. (Arts and Sciences Improvements Co. Ltd.). | 124 Hoxton Street, London N.1. | Shoreditch 5234. |
| Ace Radio Ltd. | Tower Road, Willesden, London N.W.10. | Willesden 3902. |
| Acoustical Manufacturing Co. Ltd. | Huntingdon, Hunts. | Huntingdon 361. |
| Acru Electric Tool Mfg. Co. Ltd. | 123 Hyde Road, Ardwick, Manchester 12. | Rusholme 4613. |
| Adams, Frank S., Ltd. | North Street, Wilton, Salisbury. | Wilton 3283. |
| Adey Radio Sales. | 114 Wigmore Street, London W.1. | Welbeck 8798. |
| Advance Components Ltd. | Back Road, Shernhall Street, Walthamstow, E.17. | Larkswood 4366. |
| Aerialite Ltd. | Castle Works, Stalybridge, Cheshire. | Stalybridge 2223. |
| | 20–22 Craven Road, Paddington, W.2. | Ambassador 3231. |
| | 44 Suffolk Street, Birmingham. | Midland 1571. |
| | 50 Cathay, Redcliffe, Bristol. | Bristol 26130. |
| | 343 Deansgate, Manchester. | Blackfriars 3524. |
| Aeroplastics Ltd. | Hayes, Middlesex. | |
| Aerotron Radio Co. | Peel Street, Chadderton, Lancs. | Main 6154. |
| Airmec Ltd. | Cressex, High Wycombe, Bucks. | High Wycombe 2060. |
| Aladdin Radio Industries Ltd. | Aladdin Buildings, Greenford, Middlesex. | Waxlow 2300. |
| All Power Transformers Ltd. | Chertsey Road, Byfleet, Surrey. | Byfleet 3224. |
| | 8a Gladstone Road, Wimbledon, S.W.19. | Liberty 3303. |
| Allan, Richard, Radio Ltd. | Taylor Street, Batley, Yorks. | Batley 1123. |
| Allen Components Ltd. | Crown Works, 197 Lower Richmond Road, Richmond, Surrey. | Prospect 9013. |
| Allied Accumulator Co. | 806 High Road, Tottenham, N.17. | Tottenham 4428. |
| Allied Electrical Industries Finance Corporation Ltd. | 23–25 Constitution Hill, Birmingham 19. | Central 5531. |
| Allied Electronics Ltd. | 28 Upper Richmond Road, Putney S.W.15. | Vandyke 1856. |
| Alpha Accessories Ltd. | Caemawr Factory, Treorchy, Glam. | Pentre 3273. |
| Altham Radio Co. | Brazennose Street, Manchester 2. | Deansgate 5387. |
| Alton Battery Co. Ltd. | Alton Mill, Alton, Hants. | Alton 2267. |
| Ambassador Radio and Television (R. N. Fitton Ltd.). | Princess Works, Princess Street, Brighouse, Yorks. | Brighouse 1280. |
| Amplion (1932) Ltd. | 230 Tottenham Court Road, London W.1. | Museum 9823. |
| Amplivox Ltd. | 2 Bentinck Street, London W.1. | Welbeck 2591. |
| Antiference Ltd. | 67 Bryanston Street, London W.1. | Paddington 7253. |
| | Bicester Road, Aylesbury, Bucks. | Aylesbury 1467. |
| | Plender Place, Plender Street, London N.W.1. | Euston 5613. |
| Antiference Installations Ltd. | Watford Way, London N.W.7. | Hendon 0151. |
| | 8 High Street, Loughborough. | Loughborough 4000. |
| | 12 Lancaster Avenue, Fennel Street, Manchester 4. | Blackfriars 1513. |
| | 10 Halfpenny Lane, Featherstone, Yorks. | Featherstone 544. |
| | 39–40 High Street, Bristol. | Bristol 23350. |
| | 35 Holland Street, Sutton Coldfield. | Sutton Coldfield 5354. |
| | 45 York Street, Glasgow. | City 7726. |
| | 6 Limes Grove, Lewisham, London S.E.13. | Lee Green 0900. |
| Arcolectric (Switches) Ltd. | Central Avenue, West Molesey, Surrey. | Molesey 4336. |
| Aren (Radio and Television) Ltd. | Jeffries Passage, High Street, Guildford. | Guildford 67222. |
| Argosy Radiovision Ltd. | Argosy Works, Hertford Road, Barking, Essex. | Rippleway 1081. |

| Name | Address | Telephone No. |
|---|---|---|
| Armos Radio and Electrical Co. Ltd. | 60 Larkshall Road, Highams Park, E.4. | Larkswood 6296. |
| Armstrong Wireless and Television Co. Ltd. | Warlters Road, Holloway N.7. | North 3213. |
| Arrow Electric Switches Ltd. | Hanger Lane, Ealing, W.5. | Perivale 4451. |
| Associated Broadcasting Development Co. Ltd. | 25 Catherine Street, London W.C.2. | Temple Bar 5116. |
| Associated Electrical Industries Ltd. | Crown House, Aldwych W.C.2. | Temple Bar 8040. |
| Associated Electronic Engineers Ltd. | Dalston Gardens, Stanmore. | Wordsworth 4474. |
| Automatic Coil Winder and Electrical Equipment Co. Ltd. | Winder House, Douglas Street, S.W.1. | Victoria 3404. |
| Avis and Baggs Ltd. | 11–13 Gosbrook Road, Caversham, Reading. | Reading 71763. |
| | 140–141 Friar Street, Reading. | |
| B.C.R. Television Ltd. | Horam, East Sussex. | Horeham Road 85. |
| B.X. Plastics Ltd. | Higham Station Avenue, London E.4. | Larkswood 5511. |
| | 9 Conduit Street, London W.1. | Mayfair 9701. |
| | King Street Buildings, 1 Ridgefield, Manchester 2. | Blackfriars 0258. |
| | 42 Wellington Street, Sheffield. | Sheffield 25517. |
| | 159 Great Charles Street, Birmingham. | Central 2365. |
| Baird Television Ltd. | Lancelot Road, Wembley, Middlesex. | Wembley 6191. |
| Bakelite Ltd. | 18 Grosvenor Gardens, London S.W.1. | Sloane 0898. |
| | Redfern Road, Tyseley, Birmingham 11. | Acocks Green 1181. |
| | 187 Broad Street, Birmingham 15. | Midland 5911. |
| | 11 St. Peter's Square, Manchester 2. | Central 4908. |
| | 29 St. Vincent Place, Glasgow C.1. | City 6825. |
| Bakers "Selhurst Radio." | 24 Dingwall Road, Croydon. | Croydon 2271. |
| Balcombe, A. J., Ltd. | 52–58 Tabernacle Street, London E.C.2. | Clerkenwell 1322. |
| Barclay Stuart (Plastics) Ltd. | 25–27 Brunswick Street, Luton, Beds. | Luton 1448. |
| Bath Cabinet Makers and Artcraft Ltd. | Lower Bristol Road, Bath. | Bath 7214. |
| Becker, Geo., Ltd. | North End Road, Wembley. | Wembley 8651. |
| Beethoven Electric Equipment Ltd. | 89–95 Reddish Lane, Gorton, Manchester. | East 1246. |
| Belcher (Radio Services) Ltd. | 57 Windsor Road, Slough, Bucks. | Slough 22528. |
| | Tower House, Chalvey Park, Slough. | Slough 22797. |
| | 15a Haymarket, Leicester. | Leicester 58313. |
| | 32a Friar Gate, Derby. | Derby 44353. |
| | 11 Avery Street, Hanley, Stoke-on-Trent. | Stoke-on-Trent 29881. |
| | Radio Works, Chandos Street, Bedford. | Bedford 67014. |
| | 23–24 Ballance Street, Bath. | Bath 2641. |
| | Morris Road, Lewes, Sussex. | Lewes 1233. |
| | 5 Little Charles Street, Worcester. | Worcester 5669. |
| | Craven Street, Bargate, Lincoln. | Lincoln 20403. |
| | 50 Grosvenor Street, Bolton. | Bolton 7885. |
| | Garth Terrace, Burton Stone Lane, York. | York 5242. |
| | 179 Hornchurch Road, Romford, Essex. | Romford 6488. |
| | Whitmore Street, Maidstone, Kent. | Maidstone 86187. |
| | Ewings Lane, West Street, Exeter. | Exeter 58036. |
| | 61 Cromwell Road, Southampton. | |
| Belling and Lee Ltd. | Cambridge Arterial Road, Enfield. | Enfield 3322. |
| Benson Radio Ltd. | 36a Bruton Place, London W.1. | Mayfair 2933. |